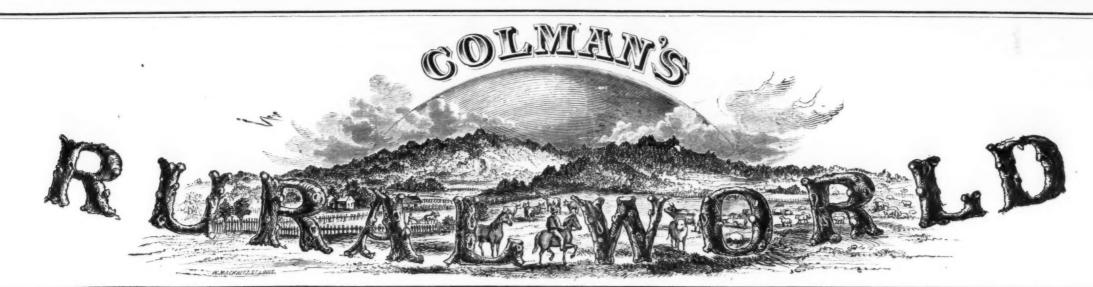
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Established 1848

ST. LOUIS, THURSDAY, OCTOBER 30, 1884.

No. 44, Vol. XXXVII.

Sorgo Department.

National Sugar Growers' Association. OFFICERS FOR 1884.

OFFICERS FOR ISSI.

President—Norman J. Colman, St. Louis, Mo
Vice Presidents—Capt. R. Blakely, Minnesota; D. F. Kenner, Louisiana; X. K. Stout,
Kausas; A. Furnas, Indiana; C. F. Clarkson
Iowa; A. J. Decker, Wisconsin; A. G. WilIlams, New York; Dr. E. F. Newberry, Ill.
Scoretary—F. K. Cillespie, Edwardsville
Ills. Treasurer—J. A. Field, St. Louis, Mo.

Sorghum in Dakota.

EDITOR RURAL WORLD: Perhaps an item from this northern section of the Union on the subject of Sorghum Growing, will not be uninteresting to your readers. I have just finished making sirup for this year. Have made 850 gallons, and it is an article superior to any lever made in Illinois. The average of the juice marked 9 1-2° B., and some of the shiph as 11° B. One man manured it as high as 11° B. One man manured his ground to make the juice extra rich, and it marked 6 1-2° B. He learned that high manuring was not the thing for northern cane. The cane has generally ripened well here, and was of good height. The juice threw off the scum readily, and the sirup thickened easily without scortching in the evaporator. My fuel was flax straw and bagasse.

Cane does well on our sandy loam, and was ripe enough to work Sept. 1st. The Early Amber is our favorite variety. My sirup sold for seventy cents per gallon by the barrel. All crops are light in this vicinity this year.

B. K. P. it as high as 11° B. One man manured

B. K. P.

Miller, Dakota. We are glad to hear so good a report

And the final has been compared to the first of the compared to the compared t

We are glad to hear so good a report from Dakota. It surprises us somewhat, to learn that cane ripens so early as Sept. 1st in that section. We see no reason why all of the sirup, and sugar also, needed in that country, should not be raised in it. It will be found in the long run, that sorghum growing and manufacturing will pay as well, if not better, than most other farm crops; and there is such an overproduction of most crops raised on the farm, that it is the part of wisdom to farmers to diversify their pursuits.

He top of the head off. I was there and saw it myself. The verdict was "Died of Sorghum on the Brain." It was incorrect. It was a combination of sorghum and other adverse circumstances that killed him. Let us honor the brave man who never faltered in his struggles for success. Let us build him a monument 100 feet high and engraved with fitting emblems such as a broken cane mill and a bursted sirup barrel and a sorghum angel reaching down for a jug of molasses. But there is a difficulty. A marble monument 100 feet high will cost at least ten dollars and 2,000 such monuments which are needed in similar cases will cost \$20,000. The motion is lost. There is not that amount of spare cash

SORGHUM AT BELOIT. MESSRS, EDITORS: Having seen a statement in your last issue of the yield of the Amber cane crop I will give you my experience for this season. I planted 75 square rods, (a little less than half an acre), and took therefrom five tons and 1,535 lbs., of cane, which returned me 91 gallons of sirup of very fine quality, and which is already so sugary that it is difficult to draw from the cask. My estimate of cost and profit is as follows:

—If Louisiana sugar planters seek to enlist favor with the people of the North they can best accomplish that end by showing them what Louisiana sugar is. There is no other sugar on the American market that compares with it in purity or saccharine richness, and yet few house keepers living north of the Ohio river or east of the mountains ever tasted it.

If Louisiana sugar planters will take the trouble to convince Eastern consumers that a single pound of their product will go as far as three pounds of the imported article, they will build up a demand that will far more that equal their capacity to supply, and find an active market for the entire American crop at such advanced prices as will render them entirely independent of the tariff protection they now enj y.

The distribution of a hundred or two leading families in Eastern States will re-

States will yet produce their own sweetening, and largely from sorghum, the business is still so poorly understood by farmers generally, that it is not to be expected that one can jump into immediate success merely by planting a little of the seed, and growing a few loads of the cane. The most successful experiments yet made in England have been made by the farmers of Connecticut. Their climate is more favorable than farther north, and they have a few small mills in the State for grinding the cane. We have seen very fine samples of sirup made from sorghum grown in Connecticut.—N. E. Farmer.

Creater originally endowed man with sense.

We understand it enderweld 35 bids, sense of the sen

President McCann remarked, "Here are two letters on feeding corn stalks, one sustaining opinions expressed by the Club, the other opposing them. I count cornstalks good feed for cattle when supplied in proper allowance, but when fed alone they certainly are not sufficient to bring thrift and maintain it through a long course of feeding."

Other farmers commented on Mr. Monroe's plan approvingly, but they noted the fact that he had supplied grain and other nutritions food to supplement the stalks, and his reasoning they considered inaccurate inasmuch as he appeared to

have hitnerto been employed to weed the nuts with a hoe, many farmers have used the cultivator altogether, and saved the expense. There is no reason to complain of the crop as it stands."—N. Y. Shipping List.

Mistakes of Farmers.

Che Shepherd.

Officers of the Missouri Wool Growers' Association.

President-H. V. Pugsiey, Plattsburg, Mo. sounty, Mo.

Treasurer-N. H. Gentry, Sedalia, Mo. Secretary-L. L. Seiler, Osborn, Mo. OFFICERS OF THE MISSOURI MERINO SHEEP BREEDERS' ASSOCIATION.

President, Samuel Jewett, Independence; Vice President, R. T McCully, Lees Summit; Secretary and Treasurer, H. V. Pugsley, Platteburg; Directors, Dan. W. McQuitty, Hughesville, Mo., Harry McCullough, Fayette; Philo D. Jewett, Independence, and L. Seller. Osborne: Committee on Pedigrees, J. V. McCully, Sam Jewett and Harry McCullough.

As announced editorially in our last issue, arrangements have been made to secure the holding of the National Wool Growers' Association annual convention Growers Association annual convention in St. Louis during the week in which the National Cattle Men's Convention takes place; viz., the week commencing Nov. 17th. We are very pleased to be made the medium of conveying this im-

association should be invited here and will average about \$2 each; lambs may be furnished a hall and gas free of be estimated at \$2 each when weaned.

An impression prevails in this country that there is a very limited demand for Mohair,—the beautiful silky fleece of the Angora,—and that this demand is only for a small number of the cheaper class of fabrics. It may indeed be safely asserted that

It may indeed be sarely asserted that only a small proportion or those inter-ested in the production or manufacture of wool, have any adequate conception of the extent of the demand already ex-isting for this fiber or of its steady in-

titude for color, while in wearing quantity it is greatly superior.

We have in our office a beautiful sample of mohair, sent us by Col. C. W. Jenks of Boston, taken from the product of a flock which sold at 65 cents per pound. The same gentleman states that he has seen a No. 1 mohair ten to sixteen is the same gentleman states that teen inches in length, of great fineness and lustre, which sold for 75 cents per pound. Such mobair can undoubtedly

and lustre, which sold for 75 cents per pound. Such mobair can undoubtedly be grown in the Ozark range of Missouri. In order to make the industry a suc-cess, great care must taken to produce fine, long and lustrous fleeces, which can note be secondariled by the control of y be accomplished by keeping the eding up to a high standard, by the of thoroughbred bucks. Those who use of thoroughbred bucks. Those who will not place themselves in a condition to reach the highest standard, had best leave the Angoras alone and stick to common goats and sheep.

To those who are doubtful about a market for their product we will state that the Mohair industry in this country now demands from three to five millio bounds of American grown thorough ored per amum, while the domestic pro-luct of this quality, only amounts to 60,000 pounds

A recent number of the "Manufacturers Review and Industrial Record. states that one syndicate has been organ-ized lately with a capital of three hun-dred thousand dollars, with the view of starting on a large scale the Angora hus-

Sheep Husbandry.

—During the last three or four years prices of wool have been so low that many farmers have become dissatisfied with sheep farming, and have determined to give up this branch of their business. Some have already done this, and others are trying to sell their sheep upon a depressed market; and it is probably true that the flocks of a majority of those who are not trying to sell receive far less careful attention than those flocks would receive were wool worth flocks would receive were wool worth from 40 to 50 cents per pound. Thus flocks which might be made to yield a

Growers' Association annual convention in St. Louis during the week in which the National Cattle Men's Convention takes place; viz., the week commencing Nov. 17th. We are very pleased to be made the medium of conveying this important news to the wool growers and the sheep breeders of the country, and hope for and shall fully expect a large gathering of those interested.

There is an abundance of room for all engaged in this industry to consider the various economic questions incident to their present rather anomolous situation. It is not so much a matter of moment where they meet as it is of the use they make of the time devoted to the meeting. We hope to see them come together to the tune of several hundreds and fully charged and primed to both say and do what ought to be said and done.

As we said last week St. Louis will not only welcome them, but do so with a heartiness born of the good, old fashioned, southern hospitality; will entertain well and send them home happy. With this introduction the following report of the meeting hin of error.

In this in the week in which is might be made to yield a fair direct profit with careful keeping, locks which might be made to yield a fair direct profit with careful keeping, the are very pleased to be made they pushes to be made to yield a fair direct profit with careful keeping. It is a quite natural in almost any business to the greater care and attention to that branch which brings in the greater that the side on so.

It will be found that taking any period of ten successive years' sheep keeping has averaged as well in appreciable returns a has almost any other branch of them that this will not only welcome them, but do so with a heartiness born of the good, old fashioned, southern hospitality; will entertain well and send them home happy. With this introduction the following report of the meeting held to consider the matter is in order:

In the Mavantages of Large Breeds of Swine.

It will be found that taking any period of ten successive years' sheep keeping has

be furnished a hall and gas free of charge.

Mr. Rhodus said that St. Louis was a central point and one well adapted to the holding of the Convention. He was heartly in favor of it. Mr. E. Hartman said that the idea of holding the meeting at the same time as the Cattlemen's Convention was a good one. Mr. Kroth spoke of St. Louis as the "mother of conventions." He would do his best to entertain the gentleman with the idea mutton and wool. The exact value of mother of me would do his best to make it all out of the trade thereafter. Mr. Bienenstok said that St. Louis was being used as a way station for the first-class wool and receiving only the poor stuff. With better advertising St. Louis may be better appresiated.

Mr. Price moved that it be the control of the forage of the farm, the brush and weeds, the grain and roots, into rich manure and into marketable mutton and wool. The exact value of the work done by the sheep in keeping fence rows and other places free from the weeds, brambles and brush, cannot be seally calculated, nor can that of their services in spreading rich fertilistic trial evenly over the have

facts should be more widely known. After considerable discussion Mr. Summerfield's motion to receive and entertain the delegates if they should come was carried. An Executive Committee was then appointed to complete preparations, consisting of Moses Summerfield. R. C. Greer, E. Hartman, A. J. Child and S. G. Price.

The committee will communicate at once with Hon. Columbus Delano, Mount Vernon, O., President of the National Association.

Mohair and the Angora Goat.

An impression prevails in this country that there is a very limited demand for Mohair,—the beautiful silky fleece of the Angora,—and that this cheaper class.

Stretch carefully over a board to dry. When allittle damp have one one ounce each of saltpeter and alum pulverized can be alumn pulverized then, is only in the cost and quality of better then, is only in the cost and quality of better and halum pulverized then, is only in the cost and quality of better and halum pulverized then, is only in the cost and quality of better and alum pulverized then, is only in the cost and quality of better and alum pulverized then, is only in the cost and quality of better and alum pulverized then, is only in the cost and quality of better and alum pulverized then, is only in the cost and quality of better and alum pulverized then, is only in the cost and quality of better and halum pulverized then, is only in the cost and quality of the crease. In the cost and quality of the cost and quality of the crease in my judgment, should be reckoned in favor of the larger breed, then, is only in the cost and quality of the then, is only in the cost and quality of the then, is only in the cost and quality of the then, is only in the cost and quality of the then, is only in the cost and quality of the then, is only in the cost and quality of the then, is only in the cost and quality of the then, is only in the cost and quality of the then, is only in the cost and quality of the then, is only in the cost and quality of the then, is only in the cost and quality of the then, i maketian

only a small proportion or those interested in the production or manufacture of wool, have any adequate conception of the extent of the demand already existing for this fiber or of its steady increase.

There are now in operation in Philadelphia and the New England States four establishments, turning out in large quantities mohair fabrics of surpassing beauty. While in San Jose California, there is one factory making cheaper commodities, such as mats and robes. In Bradford England, as well as in France and Germany, fabrics more costly and beautiful than any yet attempted in this country, are made of mohair, prominent among which may be mentioned under wear for both sexes which will probably supersede silk, having all of its softness, lustre, elasticity and aptitude for color, while in wearing quality it is greatly superior.

We have in our office a beautiful sample of mohair, sent us by Col. C. W. Lerke of Roston taken from the product of the country dentity to several the content of the Country Gentleman thus describes a peculiar little mountain sheep of England: The Herd-wicks are small and very active, sprightly and wild. They are incorrigible jumpers, and the attempt to confine them by fences is almost useless. Perhaps the modern barbed wire may yet restrain age, until in a mature flock they are grow lighter with age, until in a mature flock they are roticeably wide between the forelegs, and their breasts are well forward, indicating great vital force. They are well ribbed up, the legs are very good in the hams, and they stand square-jupon their feet. Their most common fault is a slackness behind the shoulders. They shear about three pounds of wool which is of similar quality with that of the Scotch sheep. They are usually not short until the middle of July. The wethers are kept until four or five years old, when they dress from sixty to sev--A correspondent of the Country wethers are kept until four or five years old, when they dress from sixty to sev-enty-five pounds and sell for six dollars and upwards to nine dollars each. The quality of the meat is first-rate.

-The wintering of sheep depends much on the condition of the flock at much on the condition of the nock at the beginning of winter, remarks the Michigan Farmer. Sheep that are low in flesh in the fall, hardly ever improve, but keep going down hill all along, until before the spring time draws around their pelts are hanging in the shed. See

Che Poultry Pard.

National Chester White Association.

-At a meeting of the stockholders of the N. C. W. R., held at St. Louis Fair Grounds October Sth, 1884, after receivant at the stockholders of high-class poultry and attention for the reason that I am not a and adopting the Secretary and Treasurer's report, the following officers were elected by acclamation to serve during the next year: J. Harding, President E. B. Ashbridge, C. R. Vale, H. McCord, W. A. Baker, H. W. Tonkins, Vice-Presidents; E. R. Moody, Secretary and Treasurer. Adopted the same rules and rates of entry for 2nd volume as the first. except that all animals entered in 2nd volume must be from animals recorded in first volume, or their sire and dam must first be recorded in 2nd volume before being admitted.

Che Dig Den:

After discussing some newer subjects connected with the record, the meeting

take a part of a third. There are at least two lives to be kept going, two sets of legs, and other organs to be grown and supported, and it is manifest to me that this double set of machinery takes more fuel, or food, than one. This is not all the difference, the power of digestion and assimilation in the larger pig is so much greater, that it will grow on food which the smaller one would reject, or of which at least it would not eat enough

ences, in my judgment, should be reckoned in favor of the larger breeds, because it would not be so fat, and hence
would be more palatable, and it could
have been produced from cheaper food,
and hence cost less. This is not a fair
example for the large breed. Two pigs
should be killed at the same age—say
nine months—when it will be found that
the one of a large breed will weigh twice
as much and bring double the price of the large breed the pilot of authentic statistics, in the
country women, who need this exercise,
this out-of-door care, and the money to
his out-of-door care, and the money t

Remedy for Hog Cholera.

—A few days ago while in conversation with a neighboring physician, one who takes great delight in raising and caring for fine hogs, we learned of a new remedy for hog cholera—at least it was new to us—and as this dreadful scourge is reported in some localities, we propose to give it publicity. If the remedy proves efficacious it will be valuable to hog raisers, and if it fails, the expense attending a trial amounts to but little, as the vine grows in nearly all parts of the country. The country. The common name of the plant is Poison Oak, or Poison Ivy; Latin, plant is Poison Oak, or Poison Ley; Latin, Toxicodendron; German, Giftsumach. It is found in the forests growing closely to the bark of trees. The vine often attains the size of one's arm. As some persons are so sensitive to the poisonous vapor that is emitted from the plant, causing an eruption on the skin, it is best to handle it with allows. (but the vine its land.) handle it with gloves. Cut the vine into handle it with gloves. Cut the vine into pieces an inch or two in length, boil a quantity of them in water until the fluid becomes a strong decoction, and use this "without any stint" either in swill or—if the cases are so bad as to refuse food—by decocing "Waldarte Information". by drenching. The doctor informed us that he had used the remedy for several years in cases of the hog cholera where he had to drench them, and that he had never lost a case. Of course success cannot be expected every time. We hope those who are so unfortunate as to have the disease in their herd, will give it a trial and report results. He says there is no danger from over dosing.— D. H. Webster, Austin, Mo., in Swine Breeder. Journal.

If your horses have sore shoulders scratches, cuts or open sores of any kind use Stewart's Healing Powder.

Shall we or Shall we Not?

hesitation for the reason that I am not a professional or an experienced writer for the papers, though having considerable experience as a breeder of the best stock we have. The point I wish to make is, shall we stand by and see breeders of fancy poultry of other States lead and we follow, or shall we take and occupy the position that belongs to us and sell the position that belongs to us and sell the farmers of our own State and adjoining Territory? In other words "Shall we or shall we not" lift the fanciers inwe or shall we not "lift the fanciers in-terest to a higher sphere, elevate it in-deed to the position it ought to occupy in Missouri and adjoining States?

What need have we to take back seats and all others to occupy those in front, whilst we have, can get, and breed just is good fowls as they? Why, we have poultry as highly bred as any in the Juited States, and can supply them at ower prices than can the breeders a thousand miles away; then, why shall we play second fiddle to them or to any

I appeal to the fanciers of St. Louis and surrounding counties to give their views on this subject through your valu-able journal, and let me suggest the hope that in the near future you may feel justified in calling a meeting of poultry men and women interested in St. Louis to organize an association for the advancement of the cause.

Baldwin, St. Louis Co., Mo.

We wish particularly to call the attention of American women to the business of poultry raising. Thousands of their sisters "over the water" pursue it as a vocation through life—not merely to turnish eggs, ducks, geese and chickens for the family table and the inevitable feather bed with feathers, but they go into it as an occupation, a means of support, or even as a source comparative wealth. wealth.

wealth.

In this country, far more than in Europe, women in the middle and lower classes, as well of course as those in the higher or richer classes, depend on the income, or on the daily earnings of the husband and father; and they "abound the properties the properties the properties that the properties the properties the properties the properties the properties that the properties the proper or suffer need" in proportion as the mas-culine purse is well filled or scantily supculine purse is well filled or scantily sup-plied. But they do not, when the latter is the case, in regard to the family funds, attempt, as a general thing, to supply the deficiency by some effort of their own at money making, as a French, German or English woman would do under like cir-cumstances. When loss of work or loss of health layer schedule the legitimate attract of health lays aside the legitimate "bread-winner" of the house, the American wife and mother is compelled to turn over various schemes by which she can, her-self, support the family. If she had money she could open a little shop, and, by the sale of small needed articles, keep by the sale of small, needed articles, keep the wolf from the door; but she has no much greater, that it will grow on food which the smaller one would reject, or of which at least it would not eat enough to thrive. A strong appetite and ability to consume food go together, and one is the natural sequence of the other. This may be illustrated in the fact that I can winter a Duroc-Jersey and keep it in good condition on bright clover hay. This may be the case with other large breeds.

No one seems to question the statement that "animals when young take on a do?" Let all such women (and the month of the ment that "animals when young take on a do?" Let all such women (and the manufacture of the statement that "animals when young take on a do?" Let all such women (and the sad core applies to every female who funds, and that idea must be abandoned only the poor stuff. With better advertising St. Louis may be better appreciated even by were the land; but these always and the wood merchant that they co-operate with the Wool Association to bring the Convention here. This motion was carried, Mr. Child aid that at the special meeting in Chicago last spring over 1.000 was carried, and the stuffers in mental than the convention of the stuffers in mental that they convent the decagate should be given at least a carriage. The stuff of the decagates should be given at least a carriage of the convention here in the delegates should be given at least a carriage. The stuff of the convention mercial thought the delegates should be given at least a carriage. The convention mercial through the

Che Apiary.

-The annual convention of the North-—The annual convention of the North-western Bee-Keepers' society was opened Wednesday at Owsleys' hall, corner of West Madison and Robey streets, Dr. C. C. Miller, of Marengo, Ill., presiding. The Syrian and Italian bees were dis-cussed at length, and highly spoken of by those who had experimented on their cross culture. It was decided by a vote that November was too early in the sea-cente consign to the cellar. The society The society son to consign to the cellar. The society failed to determine how it was possible

honey product through state assessors. statistics are procured.

In the ensuing discussions it was deter-

as adding much to the interest of country life, and to the attractiveness of country homes; and there seems to be no good reason why the fashion should not be adopted in our own rural and suburban homes for the same reasons.—

Rocky Mountain Husbandman.

Today the United States and Canada produce the bulk of the honey consumed in the world, and our apiarists are the most skilled and successful. According to conservative estimates we have a to to conservative estimates we have a to tal of 3,000,000 colonies, which annually yield 120,000,000 pounds of honey. The value of the colonies, at an average of \$11 each, would be \$33,000,000 and of THE ANNUAL PRODUCT, at an average of 15 cents per pound, \$18,000,000, making the total amount of

money involved, approximately, \$51,-000,000. The comparative showing of all Europe is less than one-fourth of this amount. From California we supply Australia, and Europe imports largely from our eastern states. At the Lonfrom our eastern states. At the Lon don agricultural fair we recently disdon agricultural fair we recently dis-played 180 tons of honey in the comb, which was awarded the prize over all the European exhibits. In America honey is plentiful and cheap; in Europe it is scarce and precious. While it sells for about 17 cents a pound here, it brings a half-crown, or 62 1-2 cents at Lon-don."

much honey as those with queens. After a spirited controversy it was defailure. Speaking of California, you cided by a vote of 12 to 5 that separators, have doubtless noticed honey that was between the cells in the hive were of no labeled "California white clover honey." between the cells in the live-were of no especial benefit in the proper preparation of the honeycomb for the market.

The election of officers for the ensuing year resulted as follows: President, per resulted as follows: President, or Merango, III.; vice president, Mr. L. Harrison, Peoria, III.; secretary, M. W. Z, Hutchinson, Rogersville, Mich.; treasurer, T. G. Newman, Chicago.

METHODS F LIFE.

ersville, Mich.; treasurer, T. G. Newman, Chicago.

An annual report was presented from the individual statements of the members showing the number of colonies of bees, increase, and product of honey and beeswax of the Northwestern Society of Bee-Keepers. The totals were: Number of colonies in the spring, 2,190; number of colonies in the fall, 3,097; increase of colonies, 907; yield of combinery, 75,031; of beeswax, 826.

The investment and product is as follows:

2,100 spring colonies, estimated value

METHODS F LIFE.

as well as progeneration, were only meaderly comprehended. Now, with the help of the microscope, and after years of study and conterences, such as the one just ended, the daintiest minutize of the bee's life is understood. With a couple more years' experience in ventication, temperature, and the treatment of the delicate diseases to which bees are subjected in the winter months, the industry will have been developed almost to a perfect state. The success of the American aplarists, as I tell you, is to be attributed as much to their research as to the naturally favorable con-

The investment and product is as follows:

| The investment and product is as follows:
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| The investment and product is as follows:
| The investment and product in the action of the product of the search and a the same time best regulated, operations in nature. Although the perpetuation depends upon a single female in a colony, it is rarely that the line of 'progeniture is broken, and then it is by accident:
| The labors of the Northwestern Society of Beekeepers was brought to a successful conclusion Thursday morning. At the opening of the morning session Mesrs. T. G. Newman of Illinois, T. L. Von Dorn of Nebraska, O. Clute of Iowa, A. Fahnestock of Indiana, A. J. Cook of Michigan, and C. H. Green of Wisconsin, were named by Chairman Miller as a committee to secure legislation for the authentic compiling of honey-crop reports, and the enactment of a measure for the suppression of foul brood. It is intended to obtain statistics of the number of colonies and the amount of the honey product through state assessors, in the same manner that agricultural statistics are procured. colonies and the amount of the product through state assessors, same manner that agricultural ics are procured.

This it is which imparts to the female ics are procured.

the statistics are procured.

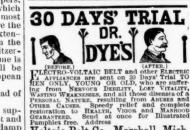
In the ensuing discussions it was determined that 16 cents per pound was the lowest price that could be profitably allowed on comb-honey; that the queen bee breaks forth from the cell. As her rivals appear subsequently, and that the lower story, and that liquid ammonia applied after scraping to the sting, the bee smoker, turpentine and ammonia, alcohol and plantain leaves, salaratus and saliva, internal application of oil of cinnamon with external application of oll of cinnamon with external application of hartshorn and sweet oil, were all effective antidotes for the poissonous sting of the bee. It was decided by the experience of twenty-five members as against fifteen, that cellar wintering was preferable for the preservation of bees. Bee diarrhea in the winter, it was claimed, was the result of loading up the bees with solid vegetable matter. Sour and fermented honey and pollen was also said to be a cause. Plenty of pure barley was recommended for winter food. Twenty-five of the member afflicted with dysentery by a sirup made that the bad food was the real to by the society was made, differing in no material detail from the figures anticipated in The Times of yesterday. It is showed that the Northwestern society was deemed equivalent in value to two larges and condining the condining the twenty-five affilicted with dysentery by a sirup made from granulated sugar. The report of colonies and honey product represented by the society was made, differing in no material detail from the figures anticipated in The Times of yesterday. It is showed that the Northwestern society was deemed equivalent in value to two was deemed equivalent in value to two with the workers enterth for her. She is imble and vigorous at the ext. She i ANIMATED LIFE,

reception. The nursing-bees feed the young until they are able to take care of themselves, and the faithful guards, ever mindful of the peace and harmony of the mindful of the peace and harmony of the colony, jealously watch the entrance to the hive—admitting no intruder, neither insect nor strange bee. It is amusing to notice how dexterously they pounce upon anything daring even to approach the entrance. If a new queen dares to enter the hive, she is instantly killed. We overcome this rebeliious trouble, in anything a green by we overcome this recentions troube, in supplying a colony with a queen, by caging her in there until she becomes permeated with the odor of the colony. When she is released, at the end of three days, she is cordially entertained and in-stalled."

A. J. CHILD, **GENERAL PURCHASING AGENT** And Commission Merchant. 209 Market Street, St. Louis, Mo.

Orders filled at wholesale prices. Consignments received and highest market prices obtained for

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great curative power, Dr. LECAS has so arranged his treat
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A CARD.—To all who are suffering from errors and indiscretions of youth, nervous weakness, early decay, loss of manhood, &c., I will send a recipe that will cure you, FREE OF CHARGE. This great remedy was discovered by a missionary in South America. Send self-addressed envelope to Rev Joseph/I.Inman StationD, New York.

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Korticultural.

Notes from Samuel Miller.

ANSWER TO BARREN BELLFLOWER AP. Answer to Barren Bell Flower Apple Trees.—Two friends have replied, and do not differ much. Both recommend the use of ashes or root pruning. I will certainly try something, but it is not for want of blooming, as it does that profusely, it is in the setting of fruit where it fails. My soll is too well dosed with yeard selective to the to reach

PLUM TREES IN THE POULTRY YARD. -Three years ago I visited David Miller near Camp Hill, Cumberland Co., Pa.,

Answer to L. Halderman, Kansas.

—You can easily raise your own trees. Secure apple seeds and sow them this fall, and in a year hence they will be fit to take up and be grafted. Procure some peach pits, cover them aftew inches with earth, and in the spring, when sprouted, set them in a row, six inches apart, to be budded in August or September following. Your cherry trees as well as pear, you had better buy from some reliable nurseryman near you. Plum stones treat the same as peach. But those I send you, you should let come to bearing without budding, as you will be bearing without budding, as you will be sure to get something valuable out of

If you will read the RURAL WORLD regularly, you will be kept posted with the work to help you along. You are a few degrees north of us, but I doubt if your seasons are more extreme. I have seen a range of the marcury here of 102 \(^{\circ} -102 \(^{\circ}\) in summer, and down to 30 \(^{\circ}\) below zero in winter.

Now, we are looking for the big one prune

from Indiana.

Boeringer, Josephine, St. Thomas, and Early Golden, are four choice varieties we have now in our collection, and will be glad to add others of merit.

Our St. Thomas are finer this season than ever before. I can find plenty of specimens that measure 5 1-2 inches long circumference, and 5 the other way, they being conical in form, and the quality is betterthan usual.

J. T. M.—The Krauser apple originated

well, although for home use or near market it is worth growing, as it is an excellation, as it is an excellation from five trees, and did it in about sixteen hours at that.

It is more acid than Ben Davis, not quite as large and not near so well covered with red.

Treatment for an Old Orchard.

JUDGE MILLER: Please tell me through the RURAL WORLD what I shall do for

should be the case, all damaged or broken roots should be carefully cut off with a keen knife. Be very cautious that the roots never get dry, either by being exposed to the sun or air. I generally make a puddle of cow dung, soil, and a sprinkling of soft coal soot, drawing the roots once or twice through this mixture and covering over with a piece of wet sack or carpet in a shady place. Spread the roots out carefully, and don't plant deeper than the plants originally stood in the nursery. Pack between and over the roots with the finest soil; tread lightly, but firmly; spread about two inches thick of rotten manure around the plant; then cut down to the two lowthe plant; then cut down to the two low-

Should the weather prove very hot and Should the weather prove very hot and dry, the plants should have a good watering, say once in twelve days, until they begin to make growth by the buds pushing. Should both buds start, when two or three inches long rub of the weaktwo or three inches long rub of the weakest one, thus throwing the whole
strength of the plant into the remaining
shoot, which must be trained upright
against a light stake. All laterals or
side shoots should be pinched off beyond the first leaf.
Robust growing vines will make shoots
from a foot to three feet long the first
season. In the fall when the wood is
well ripened, cut down to the three low-

near Camp Hill, Cumberland Co., Pa., who had then twenty-four plum trees enclosed with a high fence, in which he kept his hens, quite a flock of them. I noticed that there was not a blade of grass or weed in the whole patch.

The trees were then about two inches in diameter, and had a few plums on them. Now he reports to me that he had twenty-five bushels of fruit off these twenty-four trees, and all perfect, and saks, how is that for Richland plum trees in a poultry yard? I say it is high, and can be done by others if they would do the same way.

Answer to L. Halderman, Kansas.

You can easily raise your own trees. Secure apple seeds and sow them this fall, and in a year hence they will be fit to take up and be grafted. Procure some peach pits, cover them affew inches goot from the vine stem. Tie carefully up, but not too tight, or the string will cut the stem. The following spring every sound bud will produce one or two bunches of grapes. Allow the side shoots to grow about four or five leaves beyond the last bunch of fruit, then nip off the point. Allow the branch bearing fruit to hang down, don't attempt to hang it up with string or other material, but let the whole branch curve toward the ground. Then, if you have a suitable variety and a favorable season, you will have such a charming sight of beaufoot from the vine stem. Tie carefully will have such a charming sight of beautiful, luscious fruit that will please you and rather "astonish the Browns."

After the fruit is gathered strive to well ripen the wood, for depend upon it, that if the wood is imperfectly ripened you will fail in obtaining any fruit the following year. When thoroughly ripened, cut off all the side branches down to the lowest two buls. The part applied allow More Persimmons.—From S. M.
Thompson. of Parkersburg, Ill., a small box of large excellent ones. Unusually flat, being nearly twice as broad as long. This will be well worth propagating, and we bespeak grafts of it.

In gyear. When thoroughly ripened, cut off all the side branches down to the lowest two buds. The next spring allow only one of these buds to grow. Every fall and spring pursue the same course, and the vines will last for many years, increasing in productiveness and strength.

FROM MISS M. E. MACLAY.—Rolla, Mo., some very handsome medium-sized persimmons, not quite ripe yet, which we will tell about after eating them.

They have ripened since and been eaten, and are excellent in quality.

A second lot of the Early Golden from J. Balsiger, quite large, and like the other ones he sent, of best quality. This is one that will be on the select list.

Now, we are looking for the big one

Another plan I have pursued is driving

Storing Apples.

being conical in form, and the quality is better than usual.

J. T. M.—The Krauser apple originated in Berks Co., Penn., and there was a fair keeping winter apple. Here, however, it won't keep longer than last of December. I found one to-day in good eating condition; you ask as to its merchantable value. It has none, as it is too easily bruised and would not barrel well, although for home use or near market it is worth growing, as it is an excelshelf should be at least a foot from the floor, and those above about two feet apart. The apples should not be packed more than six inches deep; this gives good opportunity for an occasional sorting and picking out of any that begin to decay, without much handling. Apples so kept, if the cellar is of the right temperature, will retain flavor better and there will be less loss by decay than if put in barrels. Too much heat or too much there will be less loss by decay than it put in barrels. Too much heat or too much light is injurious, as the apples thus ex-posed are apt to grow tasteless. If more convenient to pack in barrels they should be allowed to sweat and dry before being headed up. The barrels should next be laid upon the side in a cool and shady place until the weather approaches

Propagating Grape Vines.

—The simplest methods of propagat-ing grape vines are by cuttings or layers. By the former they can be increased by the least labor, but the layering proosy the least lator, but the hyering pro-cess is often resorted to when it is de-sired to extend a choice or delicate va-riety, since it is the surest and gives the strongest plants. The great difference between layers and cuttings is that the layers are not detached from the parent vine which is thus enabled to nowish

until all of the shoot has been used.

Another form of compound layering is often practiced in the fall or spring. A long trench is dug, and after making a cut under each bud, a shoot is securely fastened on it with pins. The cane should be barely covered at the time of layering, but when the buds have made a growth of four inches the trench should be filled and the soil pressed down.

For the propagation by cuttings, a soil should be selected which is not so heavy as to bake in summer or heave in winter,

Another plan I have pursued is driving three stakes in a triangle, thus ... two feet between each stake, drawing them together at the top with wire, pruling the vine precisely as by the former system, training the vine around spirally.—

Cor. Fruit Recorder.

Or the soil should the be need back and the lower part of the cuttings with a wooden maul. The remainder of the soil can then be need back and the lower part of the cuttings with a wooden maul. The remainder of the soil can then be need back and the lower part of the cuttings with a wooden maul. The remainder of the soil should then be need back and the lower part of the cuttings with a wooden maul. The remainder of the soil should then be need back and thoroughly packed around the lower part of the cuttings with a wooden maul. The remainder of the soil can then be need back and thoroughly packed around the lower part of the cuttings with a wooden maul. The remainder of the soil can then be need back and thoroughly packed around the lower part of the cuttings with a wooden maul. The remainder of the soil can then be need back and the lower part of the cuttings with a wooden maul. The remainder of the soil can then be need back and the lower part of the cuttings with a wooden maul. The remainder of the soil can then be need back and thoroughly packed around the lower part of the cuttings with a wooden maul. The remainder of the soil can then be need back and the lower part of the cuttings with a wooden maul. The remainder of the soil can then be need back and the lower part of the cuttings with a wooden maul. The remainder of the soil can then be need back and the lower part of the cuttings with a wooden maul. The remainder of the soil can the benefit and the lower part of the cuttings with a wooden maul. The remainder of the soil can the lower part of the cuttings with a wooden maul. The remainder of the soil can the lower part of the cuttings with a wooden maul. The lower part of the cuttings with a wooden maul. The lower part of the cuttings with a woode

which is thus enabled to nourish the new plant. Layering may be attempted at any time after the wood has become firm, and before the buds start in the spring.

The layers may be either simple or compound. In the first case, a trench three inches deep is dug, and a new shoot is placed in it so that one of the buds will be in the center, a forked stick being used to hold it firmly in place. The soil is then replaced and carefully pressed over the bud. The loose end of the layered vine will form the new plant, and may be left on the ground, or tied to an upright stick. Before the shoot is layered, it is customary to make a cut in large and at any time at a tree portion of which such kinds of regetables as it is usual to forward under gates portion of which such kinds of wegetables as it is usual to forward under glass are grown, while some are devoted is quite full enough; now cook to a pulp, stirring it almost continually. When it is finished, stowing no whole piece, but all one mass of pulp, turn it into jars or firk ins and let it cool; cover it and store in a cool place. It can be seasoned with sut seldom journeying far from home, are wedded to old ways. some of their spilances being of a very primitive destribution. Thus, for instance, the sashes of apples, after they are pared and quartered, are enough for one arred of cider before it is boiled down.

Horticultural Notes.

Horticultural Notes. vine, which is thus enabled to nourish greater portion of which such kinds of the new plant. Layering may be atsalioned casement windows, a fact to an upright stick. Before the shoot is layered, it is customary to make a cut in the wood opposite the layered bud, in order to retard the return flow of sap, and thus cause a callous to form and roots to be thrown out.

Compound layering enables us to obtain several plants from a cane. This can be done when the shoot is a long one, by continuing the process used in the simple layering, forming what is known as a serpentine layer. Instead of tying is to a stake, a trench is dug in line with and a foot from the first one, into which the cane is bent and fastened as before. Two or three buds should be left above ground. The process can be continued by heldes and of the shoot has been used.

Another form of compound layering is often practiced in the fall or spring. A long trench is dug, and after making a cut under each bud, a shoot is securely fastened on it with pins. The cane is bould be barely covered at the time of layering, but when the buds have made a growth of four inches the trench should a growth of four inches the tren

le cut under each build, a shoot is securely in fastened on it with pins. The cane is should be barely covered at the time of is always and tramses; the remainder are devoted by a layering, but when the build shave made is a growth of four inches the trench should be filled and the soil pressed down. Some growers use as many as two be made a specialty of the cuttings will become dry or refuse to throw out roots. The wood for cutting should, it possible, be gathered in the fall, although it may be word for cutting is doubt in the fall, although it may be word for cutting and the fall, although it may be word for cutting is doubt the cuttings will become any in the commencement of the year they are filled with carrots, parsley, chicory, sort cutting in sown plants, lettuces for cutting in sown will be foreign the summer of the same ready and the arrow of the commencement of the year they are filled with carrots, parsley chicory, sort cutting in sown plants, lettuces for cutting in sown plants, lettuces for cutting in sown will be foreign the summer of soil on the past year's wood, from skinches to a foot in length, containing two or more buds. They should be cut off in sub-low the bottom of the cutting same placed at the cutting should be set of the summer of the cutting should be found to press the cutting should be set. To do this, and should be the sound in the part of the cutting should be set. To do this, as a same than a though the part of the cutting should be set. To do this, as a start time of year, the frames being the summer should be frequently in numbers between those of the cutting should be set. To do this, and the part of the cutting should be set. To do this, as a start time of year, the frame of the cutting should be set. To do this, as a start time of year, the frame of the cutting should be set. To do this, as a

most better much. If you can get lime put 50 to 100 bashes to it to the acre, when the spring scape all the rough bark off the trusks and large limbs, (first cutting out the dead wood and branches where out the dead wood and branches where out the dead wood and branches where the spring scape all the rough bark off the trusks and large limbs, (first cutting the spring scape all the rough bark off the trusks and large limbs, (first cutting the spring scape all the rough bark off the trusks and large limbs, (first cutting the spring scape and the rough bark off the spring of the spring scape and the rough bark off the spring of the spring scape and the rough bark off the spring scape and the rough bark off the spring scape and the rough bark off the spring scape and the spring bark of the spring scape and the spring scape and the spring bark of the spring scape and the spring scape a

covered, and the entire bed top-dressed with three inches of well-rotted manure and a liberal sprinkling of salt yearly. Care in lossening the soil should be observed that the crowns and roots are not injured.

Dutch Market Gardens.

In the neighborhood of Amesterdam, writes a correspondent of The Garden, there are over 150 market gardens, in the greater portion of which such kinds of the greater portion of control of the greater portion of which such kinds of the greater portion of the

—A. W. Harrison gave an account to the Pennsylvania Horticultural associaciation of the mode of blanching celery with charcoal, which he had found better than dry earth, sand, sawdust, tanbark, or leaves. It drains perfectly; no insect or slug will harbor in it; it retains solar warmth without overheating, absorbs enriching gases, does not rust the stalks, is easily washed off, and may be used many times over. The celery being planted on level ground, wide boards are set on edge and held by upright stakes so as to form a box around the plants, and the whole space in the box and around the plants filled in with coarsely pulverized charcoal. Cinders from the smoke stacks with haif an inch of soil.

Short cuttings are very extensively used by those who have green houses or hotbeds. The cuttings are made about three inches in length with the bud near the upper end. After taking a shaving of wood two inches long from one side, the cuttings are placed erect in shallow boxes, having half an inch of rich soil in the bottom, covered with three inches of clean sand, with the bud just below the surface. The boxes are placed in a cool room in a greenhouse are hotbed, where they will have a slight bottom heat. By the first of May they will be rooted, and can then be planted in rows in the nursery.—I. R. Taff, Massachusett Agricultural College.

—The State of Texas is so large and the rich side of the content of the summer of the content of the mode of blanching celery which charcoal, which he had found better than dry earth, sand, sawdust, tanbark, or leaves. It drains perfectly; no insect or slug will harbor in it; tretains solar warmth without overheating, absorbs enriching gases, does not rust the stalks, is easily washed off, and may be used many times over. The celery being planted on level ground, wide boards are growers, being hardy, vigorous, and free bearing. Were it not for these would realize higher prices, but they would realize higher prices, but they come into this country in such quantity as to considerably lower the value of home-grown fruit. The winter crops as to considerably lower the value of home-grown fruit. The winter crops as to considerably lower the value of home-grown fruit. The winter crops as to considerably lower the value of home-grown fruit. The winter crops as to considerably lower the value of home-grown fruit. The winter crops as to considerably lower the value of home-grown fruit. The winter crops as to considerably lower the value of home-grown fruit. The winter crops as to considerably lower the value of home-grown fruit. The winter crops are constant and the ridge, but inferior to the English frame fruit; they with charcoal, which had found better th

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SEEDS: Blue Grass, Cornspurry, Cow Peas Lupins, June Rye, Italian and Eng-lish Rye Grass, Seradella, Sheeps Fescue and Vetches.—L. G. WENIGE Belleville Ills.



ROBUST HEALTH

tainly show its effects, and with all the more virulence the longer it has been allowed to permeate the system. Each pimple, sty, boil, skin disorder and sense of unnatural lassitude, or languor, is one of Nature's warnings of the consequences of neglect.

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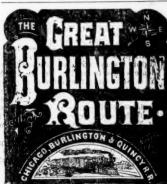
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the country This is the uniform testimony of all who have given it a trial. Many of ou largest advertising patrons have used it for more than a quarter of a century, which is the highest possible recommendation of its valu-as an advertising medium.

THE 307 students of the Kansas Agricultural College have done a deal of useful work on the farm this fall—picking apples, cutting corn, grading, ploughing and making cider—for vinegar, of course

THE corn manipulators in Chicago who figured on covering the market this month have been compelled by force of circumstances to rest on their oars till after the election. The political excitement proves too much for them.

As we go to press just "one week be-fore the battle," we are, of course, un-able to indicate the result of the presi-dential contest. We will be in the same fix next week; but the week after hope to indicate that the work has been done and the best men elected.

Grain experts and leading operators have figured out to their own satisfaction at least, that we' will have 50 million buskels of surplus wheat, or', that much more than will be wanted by the consumers and the prospective foreign demand and make it worth \$2 mechanic can take an article worth 25 more than will be wanted by the consumers and the prospective foreign demand and make it worth \$20 mechanic can take an article worth 25 more than will be wanted by the consumers and the prospective foreign demand and make it worth \$20 mechanic can take the worth \$20 mechanic c mand, and the question with them is what shall be done with it?

THE arrangements for holding the first National Cattle Men's Convention, are progressing with great unanimity and enthusiasm. St. Louis will be one blaze of light, and visitors will have cause to remember the occasion for very many years. We can promise them the hardest kind of verds with the best result. many years. We can promise them the hardest kind of work with the best pos-

PROF. S. M. TRACY, of the Agricul-PROF. S. M. TRACY, of the Agricultural College, Columbia, Mo., but just now temporarily engaged at the World's Exposition, New Orleans, as superintendent of plants and forestry, took formal possession of the Horticultural hall on Wednesday of last week. To give our readers an idea of the magnitude of the preparations being made for this exposition, we quote the dimensions of the we quote the dimensions of the Horticultural hall alone, which is 600x 194 feet, the largest hall of similar character in the world.

Mr. Nimmo, Chief of the Bureau of Statistics, shows in his recent report that 99 per cent. of the coal mined in the country 55 per cent. of the iron and steel products, more than 99 per cent. of the manufactures of wool, 95 per cent. of the cotton goods manufactured, 95 per cent. of the products of the least the least of the products of the least of the products of the least per cent. of the products of the leather industry, more than 99 per cent. of the manufactures of silk, and 97 per cent. of the manufactures of glass, glassware, earthenware, and stoneware, are consumed in the United States.

QUINCE growing in this section appears to be entirely neglected, and to supply a very extensive demand here the dealers have to send to the East. New dealers have to send to the mass. New York State has a fine crop, a portion of which is coming here where it finds ready sale at six dollars a barrel. A quince orchard at this rate would prove very controlled ways year to its owner. The orchard at this rate would prove very profitable every year to its owner. The St. Louis market was never glutted with quinces or declined too low to pay the grower. The demand for them is largely on the increase, but fruit growers do not seem to be aware of that fact judging by their indifference.

and circumstances. The belief is widespread that there is no prospect of any
activity or any advance in prices until
after the general election. Every leading market and grain centre is torn up,
distracted, and more or less unsettled
over the potitical situation, and will remain so until after the election. The
total absence of any speculative demand
is very keenly felt by the receivers of
grain. Speculative feeling in every
commodity is dead, as it invariably is on
the eve of a presidential election. No
matter who is elected when the excitement is over people will turn their attention to legitimate business again. tion to legitimate business again.

NOTWITHSTANDING all the newspaper about pleuro-pneumonia, we have not of the country, next to grass,' in the specified that the one has advised against year 1882 was 1,671,000,000 bushels, two about pleuro-pneumonia, we have not noticed that the one has advised against the transportation of live stock to fat the transportation of live stock to fat stock shows or the other against the propriety of their being gathered together and exhibited. One would think that if there was so much of the dreaded lung plague in the West as to warrant

lung plague in the West as to warrant the fair associations in refusing the privilege of exhibition that the fat stock shows would do the same.

Moreover, it looks to us from all we can gather from our exchanges that feeders and breeders are all willing to take the risk and exhibit anyhow. Surety there is a lot of folders about the ly there is a lot of fudge about that

WHAT is to be done to rid the country of loco weed is, says the Globe Liveor loco weed is, says the Globe LiveStock Journal, getting to be a serious
question. It is only a few years since
the weed was mentioned in Kansas, and
now it is getting to be a matter of serious
consideration as to how to kill it off the
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consideration as to how to kill it off the range. That it is slowly spreading there basis of prosperity and its source of is no doubt. For a number of years in wealth. range. That it is slowly spreading there is no doubt. For a number of years in Colorado the State has paid a bounty by the ton for all the loco that was delivered at the county seat to the clerk, and its source of wealth.

The importance of the coming content was thought for a time that the weed as the date of meeting approaches.

copied by newspapers who know nothing ble to all parties interested. This is one of the subject, that are read by those who are equally ignorant. There is positively no foundation for the statement, and we doubt not those who originally made it has been been such to be the case.

"BOOK-FARMING is never taught in well-regulated agricultural schools. in all schools certain standard text be are necessary and are provided; all the experimental work is of the most practical kind, aud the best farmer in the world cal kind, and the best firmer in the world can do no better or give more instruction than the hard-working teachers of our industrial colleges." This, from the Western Farmer of Wisconsin, but ex-presses the views of all who know anything about the work. The contrary opinion is held by only those who think they know all, but who really know

THE exports and imports of the United The exports and imports of the United States for the twelve months endling August 31, 1884, are announced as follows: Imports, \$757,832,834; exports, \$735,007,175. During the same period, in addition to the above, which includes only merchandise exports and imports, the trade in gold and silver coin and bullion was as follows: Exports, \$68,789,591; imports, \$39,882,721. So that, while exported merchandise falls below the imported by over \$22,000,000, the gold and silver exceed the imports by over \$28,000,000, leaving a balance in favor of the United States in the grand totals of someported merchandise fails below the imported by over \$22,000,000, the gold and silver exceed the imports by over \$28,-000,000, leaving a balance in favor of the United States in the grand totals of some thing over \$6,000,000. This is not a bad showing for a new country in dull times.

SOME genius has been calculating val-Some genius has been calculating values as related to human energy in various departments of life, and cites the following illustrations: "The British poet Laureate can take a worthless sheet of paper, and by writing a poem on it make it worth \$65,000; that's genius. Vanderbilt can write a few words on a sheet of paper, and make it worth \$85,000; that's genius. vanderbilt can write a few words on a sheet of paper and make it worth \$5,-000,000; that's capital. The United States can take an ounce and a quarter of gold and stamp on it an 'eagle bird,' and make it worth \$20; that's money. The mechanic can take the material worth \$5 and make it into a watch worth.

On the 25th of October, Sir Moses Montefiore, London's Peter Cooper, attained the age of one hundred years. The event received appropriate recognition in England, and the Jewish rabbis everywhere commemorated the long life, fraught with kindly and useful deeds of this great human benefactor descended from their race. The occasion is not one that interests Israelites and Englishone that interests Israelites and Englishmen only. Lives so spotless and so richly laden with service to their fellow richly laden with service to their fellow men as that of Sir Moses are a wor by source of pride and honor to the whole human family. The Gentiles, then, did not fall to join with the Jews in paying a fitting tribute to this good man upon the occasion of his reaching an accomplete which may well be deemed wonage which may well be deemed won-derful, and which comes to him, unim-paired in intellect, as a fitting reward for a life of notable charity.

THERE is no manner of doubt that the great majority of the people will be glad when the present political excitement is at an end, and the success or defeat of at an end, and the success or acteat of the parties to the canvass established. The Husbandman makes a good point when it says: "Without doubt, general business has been obstructed during the last three months by political excitement. Republicans profess to believe that the country will suffer seriously in its pro-ductive and manufacturing industries if ductive and manufacturing industries they do not succeed in the election, and Democrats, with just as much s'ncerity allege that all these interests will suffer if a change be not made. The truth is this country adapts itself readily to whatever system of rule is established. Very likely, was not forwing, industries, were likely, manufacturing industries would for a time be checked by a change of administration, mainly because tariff duties would be changed; but this may occur, no matter which party succeeds. The present hurt is in absorption of thought in a canvass embittered by personalities."

THE annual meeting of the Missour State Grange met at Carrollton, on Tues-day of last week. The usual addresses were delivered and considerable work on the increase, but fruit growers do not do not seem to be aware of that fact judging by their indifference.

The wheat market remains dull and depressed from a combination of causes and circumstances. The belief is widespread that there is no prospect of any settivity or any advance in prices with the combination of the morning session. The following are the officers-elect for the ensuing year: For Master, J. M. Sneed, Pettis are the officers-elect for the ensuing year: For Master, J. M. Sneed, Pettis and J. R. Shores.

"THE corn crops of the United States, declared by the commissioner of agri-culture the 'most valuable of all crops thirds of it raised in the Western States. and three-tenths in the Southern. Illinois heads the list of States with 182,-000,000 bushels: Missouri with 170,000, 000 bushels, Kansas with 144,000,000 bushels, Indiana with 107,000,000 bushels; Ohio with 93,000,000 bushels; Nebraska with 82,000,000 bushels. It is estimated the crop of this year will reach 1,800,000,000 bushels and Illinois no longer trads at the head Kansas having learning at the head the same at stands at the head, Kansas having leaped from the fourth place to the first. One is lost in wonder as to what will be done with so enormous a product, but the wonder ceases when we note that more than three-fourths is fed by the farmers to their stock and not over one farmers to their stock and not over one fourth is ever carried to market.

was thought for a time that the weed would be cleaned out. It is proven, however, that there is just as much loco there now as ever. This would be a timely subject for discussion at the St.

Louis National Convention.

The degree to which increases on the called together by the importance of the occasion, who discovered for the first time are nonportunity to meet and min-The degree to which ignorance can be imposed upon was perhaps never better illustrated than in the late statement that, by the eating of the stalks or blades of the Northern sugar cane, cattle in Belmont Co., Ohlo, had been known to die in from one to two hours. The ten to fitteen thousand people interested in the cultivation of sorghum, who weekly read the RURAL WORLD, know it to be false, because for many years past they have seen such fodder fed to every kind of stock on the farm; and we only refer to it now because the statement is being copied by newspapers who know nothing ble to all parties interested. This is one

in this, as in other markets, provokingly m. low, and many of the shippers are at a loss to account for the low prices. The principal cause of the decline or poor prices has been the weather, which has been most unfavorable to keeping them. The greater part of October has been so warm and damp that apples and similar perishable products have been extremely Ship

ifficult to preserve from decay. Shoers and speculators were in conjuence slow about investing, and he the dull market. Cooler weather will bring the expected relief and improved prices.

BUT few of our readers of horticultu ground, so as to enable them to get their seed and plants in earlier in the spring: and when spread along rows of rasp-berry or blackberry canes, or currant bushes, they serve an admirable purpose as a mulch. On heavy lands plowed in they here beneficial mechanical effect they have beneficial mechanical effect and make it worth \$20; that s money. The mechanic can take the material worth \$5 and make it into a watch worth \$6 and make it into a watch worth \$100; that's skill. The merchant can take an article worth 25 cents and sell it for \$1; that's business.

On the 25th of October, Sir Moses Montafore London's Peter Cooper at the second of the

> THE Second Annual meeting of the National Swine Breeders' Association is appointed for Tuesday, November 18, at 7:30 P. M., in the Sherman House, Chicago, Ill.

Among the subjects to be considered are the following: Transportation Revision of Standards, Classification of Revision of Standards, Classification of Premium Lists, Contagious Diseases, Judging at Fairs, Importance of Improved methods in feeding for Pork, Feeding and management of Breeding Stock, The New Orleans Exposition, Swine breeding

Each State Association is entitled to three delegates these if not already chosen should be appointed at once by the exe-cutive of the different State Associations. The swine breeders of every State in the Union have an interest in the National Association and should do all in their power to increase its influence for good.

ST. Louis ought to be a great horticul-ST. Louis ought to be a great norted tural centre by reason of its location and favorable surroundings, situated as it is in the heart of a rich valley which embraces a variety of soil and climate capable of producing nearly all the fruit and floral treasures of the world. Indeed it is such an atmosphere as Flora and Pomore. such an atmosphere as Flora and Pomona might revel in and nowhere should be might rever in and nowhere should be found a larger or more influential horticultural society than here, but we regret to say such is not the case. How insignificant, we are in this respect and how limited is our labor we can fully realize any when we learn what is trace. realize only when we learn what is trans piring elsewhere, and more especially in a climate almost arctic in its character—the last place we would look for a great organization of this character— where the people are exposed to the rigors of winter for eight months in the

The ninth annual report of the Montreal Horticultural and Fruit Growers' Association is before us and is full of interest for the lover of horticulture at home and abroad. It shows the general usefulness of the society, its progress and prosperity and the good influence that can be attributed to its existance. The can be attributed to its existance. The society is now engaged in testing and collecting the varieties of fruits best adapted to that section, especially in the matter of apples. The receipts of the past year embrace two dollars each from 879 members. Valuable reports from other local societies are received regularly as well as most instructive papers.

sion for the protection and care of their sion for the protection and care of their stock during the winter. This includes everything in the shape of bird or beast raised on the farm, and if properly ob-served will save millions, in the aggre-gate, to the farmers of this country with-in the next six months. It is assumed that the corn and hay and other food crops, have been properly put up for winter, and that all the provender such as straw, corn stalks, etc., are where they can be made available without having to tramp or drive miles away for them, through snow, and rain and mud. An abundance of the right kind of food An abundance of the right kind of flood is requisite during cold weather, to keep up the animal heat, but if the proper protection is given, much of this will be utilized in the building up of the animal frame and adding weight to the carcass. In this way beef may be made during the winter months. Hogs may be finished off and breeding sows the better fitted for farrowing in early spring. Cows give more milk and more and better butter, more milk and more and better butter, the ewes prepared for yeaning in a more healthy and vigorous condition and produce stronger and more thrifty lambs, and even the fowls may be vastly benefited by proper shelter and feed, starting to lay earlier in the spring and indeed many of them nearly all the win-

ter.
By all means then provide ample shelter and food for all live stock, do it now and do it well and save much money

On same day the eighth annual meeting of the National Norman Horse Association, at the Grand Pacific Hotel, Chimore so. In all these they pay spec

On Nov. 13th and 14th the second anon Nov. Ison and the Recomb an-nual meeting of the American Stock-men's Association. Time and place of meeting to be hereafter announced. On Friday, Nov. 14th, Annual Conven-tion of the Holstein Breeders' Associa-tion of America, at Grand Pacific Hotel, Chicago, at 7 c'olek p. m.

Chicago, at 7 o'clock p. m. On Nov. 18th, National Swine Breeders' Association at Sherman House, Chi-

cago, at 7:30 p. m.
Same day annual meeting of the
American Cotsweld Association, Sherman House, Chicago, 7:30 p. m. Same day American Shropshire Asso

lation, Grand Pacific Hotel, Chicago, 10 Celock a. m. Nov. 19th, American Shorthorn Breed-

Nov. 19th, American Snorthorn Breeders' Association at the Grand Pacific Hotel, Chicago, at 7:30 p. m.

American Hereford Breeders' Association at Sherman House, Chicago, day and time yet to be named. We invite the attention of readers to these numerous meetings because they are all important, and will prove of more than passing interest to all con-

erned.
The National Cattle Men's Convention however, will be larger and more impor nowever, will be larger and more impor-tant than all the foregoing put together, and will be held in St. Louis, commenc-ing Monday, Nov. 17th. It is con-fidently expected that at that time from five to ten thousand cattle men, and those engaged on the range will be in the city to attend the meetings, and accept the hospitalities tendered them.

MISSOURI AT THE NEW ORLEANS EXPO-

The farmers of Missouri are interested ore than they think in the success of the forthcoming World's Exposition, which will open in New Orleans on Dec. 1st and continue six months. Other States are exerting themselves to the utmost, many of them spending from ten to thirty thousand dollars in the effort to exhibit to the World samples of what they produce, as evidences. ples of what they produce, as evidences of their own industry and enterprise, as well as of the fertility of the soil they

cultivate.

By such efforts they propose to collect samples of all the cereals, fruits, and vegetables, dairy and wool products, specimens of woods from their forests, ber of farmers upon whose minds favorable impressions will be made, who will immediately be seeking farms in the states best represented and the enhanced

In this connection it is pertinent to suggest that Missouri shall not be be-hind her less favored neighbors, but with her customary energy bend every effort to place herself in that Exposition fields, her flocks and her herds, and gardens and orchards, she is called upon to

own light and aid in subjecting the State front to discredit if not dishonor. To every reader of the RURAL WORLD therefore we appeal as we never did before, to be up and doing, to select intelligently, of the best he has produced and send it at once to the gentlemen appointed to re-

ceive it. Prof. J. W. Sanborn of the Agricultural College, Columbia, Missouri, has been appointed to collect and arrange the agricultural products. Col. A. J. Child of 209 Market street, St. Louis, the samples of sheep pelts, and Mr. Joseph W. Sheppard of 600 Olive street, St. Louis, the products of the Pairy. Any information. products of the Dairy. Any information needed, may be had by addressing these gentlemen

THE OLD AND RELIABLE SPRINGFIELD NURSERIES.

other local societies are received regularly as well as most instructive papers from some of their very many members.

All can afford now to make provibusy hives, no less than one hundred and forty men and boys being engaged in digging, labeling, packing and shipping trees. The extent to which this is being trees. The extent to which this is being done, may be gathered from the fact that they were engaged in sending out 200,-000 three year old apple trees, 50,000 three year old apple trees, and other they were engaged 000 three year old peach trees, 30,000 pear trees and other stock in similar proportion, altogether reaching the magnificent value of \$175,-000. It would not surprise us to be told

000. It would not surprise us to be told that for fruit trees this was the largest nursery in the country. Mr. Spaulding informed us that he had just concluded arrangements by which his sons Frank E, Irving E. and Albert S. Spaulding were to become partners in the firm. Frank E. Spaulding is well-known in many States as the eldest son of his father, and one of the most aggresive of salesmen. His head-quarters now are at Kearney, Nebraska, most aggresive of salesmen. quarters now are at Kearney, from which he superintends the canvass of the State. To some farmers Frank may, from his free conversational powmay, from his free conversational pow-ers, flow of language and quickness at re-partee, appear as one of the smart and ir-responsible ones, but he is just a chip off the old block and as reliable as the sea-sons. And this truthfulness and reliapervades the whole family and bus-The other sons have their de-

iness. The other sons have their departments at home assisting their father in superintending the business.

We met a large number of their salesmen on the grounds superintending the selection, labeling and packing of the stock with which to fill their orders. Among these we made the sorveintendents

thereby.

THE COMING CONVENTIONS.

The annual Fat Stock Show will commence at Chicago on Tuesday, Nov. 11th, the American Southdown Breeders' Association will meet at the Sherman House, Chicago, at 7:30 p. m.

On Wednesday, Nov. 12th, the American Galloway Breeders' Association will meet at the Grand Pacific Hotel at 7:30 p. m.

On same day the National Horse Breeders' Association will meet at the Sherman House, Chicago, 7:30 p. m.

On Wednesday, Nov. 12, the American Galloway Breeders' Association will meet at the Sherman House, Chicago, 7:30 p. m.

On Wednesday, Nov. 12, the American Berkshire Association will meet at the Sherman House at 7:30 p. m.

On wednesday, Nov. 12, the American Berkshire Association will meet at the Sherman House at 7:30 p. m.

On same day the eighth annual meeting of the National Norman Horse Association will meet at the Sherman House at 7:30 p. m.

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On wednesday, Nov. 12, the American Berkshire Association will meet at the Sherman House of the Match of the National Norman Horse Association will meet at the Sherman House at 7:30 p. m.

On a same day the eighth annual meeting the formation of the National Norman Horse Association will meet at the Sherman House at 7:30 p. m.

On the division of the National Horse Breeders' Association will meet at the Sherman House of the National Horse Sherman House of the National Horse Sherman House of the National Robert Proce, Moscor to Paniel to Western-Southern in the empl attention to the varieties recognized as hardy in the Western and North-Western States. In their list of goods, in addi-tion to those mentioned, are found all the small fruits shade and ornamental Jale Horse Association will meet at the Grand Pacific Hotel, Chicago, at 7:30 p. m.

On Nov. 14th, the Illinois Shorthorn Breeders' Association will meet at the

APPLES have continued for some time nthis, as in other markets, provokingly m. Grand Pacific Hotel, Chicago, at 7:30 p. CANE GROWERS' ORGANIZATION IN CALLAWAY COUNTY, MO.

COL. NORMAN J. COLMAN: colling a meeting of the Cane Growers' and manufacturers of Callaway county, for the purpose of organization on Nov. 15th. We would be greatly pleased to have you give us an address in the afternoon. Think we will have a good turn out Turk be present Reprostully. out. Try to be present. Respectfully, J. Q. ERWIN. Fulton, Mo., Oct. 23rd, 1884.

REPLY. We know of nothing to prevent our being present, and if possible will be, and will cheerfully present our views on that occassion to the farmers of Callaway county on this new and important industry. It is certainly worthy of consideration by the farmers of Missouri. We are glad to know the farmers of Callaway county are moving in the mat-

Fotes-Correspondence.

ter.

Some one asked Dr. Faville, the veterina an of the Colorado College, through the olumns of the Ft. Collins Courier, for a medy for hollow-horn and tall. The doctor plied that if such a disease existed preven-on was preferable to cure, and he recommended breeding from polled bulls and bobtailed cows. Guess that will get rid of it, and

and shall strive to merit their good-will and patronage in the future."

And we can add that the Breckenridge

the people of Caldwell county.

-"That Romp of a Girl," by Mary Nolan, of and the best from their flocks and herds and who shall say the favorable or untavorable impressions that will be left upon the minds of the millions of sight seers who will visit the Exposition both from distant States and more distant. pon the minds of the minions of signi-eers who will visit the Exposition both rom distant States and more distant countries? Who can compute the num-lowed to fag for a single instant. In all her wild pranks, we instinctively wish her success, and we cordially hail the realization of her well planned, fun producing plots. "The Green Irish Help" is worked up in mas terly style. Her numerous blunders are a source of unceasing merriment to the reader. Her ready wit serves her well, and it happily helps her out of many a desperate difficulty Her steadfast devotion to her young mistress when the clouds of adversity came to darker with a strong prepossession against the authoress. I began it in the afternoon, and by 11 p. m. I was at the end of the last chap ter.—G. A. W.

dens and orchards, she is called upon to send of her best, and that too in no niggard spirit, but with an enthusiasm and an energy born of conscious merit, and a determination to be outdone by no other State.

To accomplish this no man may be allowed to say neighbor Smith, or friend Brown will send from this county all that is necessary I need not disturb myself; if the work is to be well done, it is the duty of every man to help, and every man that stands idly by will stand in his own light and aid in subjecting the State front: (sixteenth century Spanish work), a (sixteenth century Spanish work), a front (sixteenth century spanish work), a figure panel for painting, four panels of carved wood, a page of butterflies, and a variety of designs for industrial art work. Among the more striking illustrations are two delicate facsimiles of etchings by A. Legros, "Sir Frederick Leignton," and "Death and the oodman"; some bold figure cupids by seph de Nittis, and a carved hanging cabinet designed by Benn Pitman, of Cincinnari, "The Modern Home" series is concluded with capi-tal articles on "The Bedroom," by Roger Riordan and Clarence Cook. The Art Amateur announces the early issue of three de-signs in color by Miss Dora Wheeler, viz : a decorative figure composition; a fan with cupids; and a charming decorative head of a child for a plaque. Price per annum. \$4; rs 35 cents. Montague Marks,

-The following circular, issued by the Mis- into the extreme Northern States, and had over that old dress. It will look like new

thon will begin early in Aovenment and continue as the weather permits. Cost of can
and express charges to be paid C. O. D. All
residents of Missouri having waters to stock
are requested to apply at once to Phil. Kopplin, Jr., Forest Park, St. Louis; or to Elias
and ardent supporters, but there were nu-

Che Cattle Pard.

Nov. 20th, J. C. Smith, Shorthorns National Stock Yards East St. Louis. Nov. 20th, Joseph E. Miller, Holstein Cattle

National Stock Yards East St. Louis. May 20th, 1885, Powells & Bennett, Indee. Mo., Shorthorns. May 21st, 1885, W. T. Hearne, Lee's Sum-

Live Stock Records-Where Published.

S. Johnson, Secretary; 27 Montauk Block, Chicago, Illinois. Fees for registering, \$1.00. AMERICAN HEREFORD RECORD.—Published by the American Hereford Cattle Breeders Association. Fees for registering, \$2.00. Chas

HERD REGISTER,-American Jersey Cattle Club, Thos. J. Hand Secretary, Washington Builling, New York. Females \$3.00, males \$10.00, animals over two years double fee.

MAINE STATE JERSEY HERD BOOK .- N. R. Pike, Secretary, Winthrop, Maine. Fees for registering, \$2.00. NATIONAL REGISTER OF NORMAN HORSES.

T. Butterworth, Secretary, Quincy, Ill. NORTHWESTERN POLAND-CHINA SWINE REC-RD.—J. O. Young, Secretary, Washington, as. Fees for registering, \$1.00 for each single

orded at the same time. NATIONAL CHESTER WHITE RECORDS .- E. R. Moody, Secretary, Eminence, Ky. Fees for registering, \$1.00. REGISTER OF THE MISSOURI MERINO SHEEP

Sanders, Secretary, Chicago, Ill.

BREEDERS' ASSOCIATION.—H. V. Pugsley, Sec-retary, Plattsburgh, Mo. Fees for registering PERCHERON NORMAN STUD BOOK .- J. H.

REGISTER OF THE AMERICAN SHROPSHIRE REGISTRY ASSOCIATION .- Mortimer Levering, Secretary, Lafayette, Ind. Registry fees sheep 50c, lambs 30c each, REGISTER OF THE VERMONT MERINO SHEEP

REEDERS' Association.—Albert Chapman ecretary, Middlebury, Vt. Fees for register ing ten cents.

Mr. J. L. Woolbridge, Marshall, Mo., has a young Jersey bull for which he has no employment, hence wants to sell. Write him for particulars.

T. B. Wales, Jr., & Son, Holstein men of Iowa City, Iowa, write: we have sold the probably nothing each probably nothing is the "good-bye" number of the minth volume of the Bulletin. It is unnecessary to remark that in those nine years this paper has had a "har I row to hoe" fighting paper has had a "har I row to hoe" fighting paper has had a "har I row to hoe" fighting paper has had a "har I row to hoe" fighting paper has had a "har I row to hoe" fighting paper has had a "har I row to hoe" fighting paper has had a "har I row to hoe" fighting had better bulls, are splendlid specimens.

They are as fine beef the paper has had a "har I row to hoe" fighting paper has had a "har I row to hoe" fighting had been been paper has had a "har I row to hoe" fighting had been paper had been pap feel just a little pride in the fact that during our connection with the same, we have achieved moderate success. We embrace this occasion to acknowledge our obligations and return our sincere thanks to our many friends for their many and uniform kindness friends for their many and uniform kindness are spiends specimens. Have sent two pure bred Holsteins to Kansas City Fat Stock Show. They are as fine beef amimals as can be shown, one weighing over 2,600 lbs, and a heifer nearly 1,500. They will also be at Chicago Fat Stock Show.

The Chidago newspapers will never forgive And we can add that the Breckenridge
Bulletin is a live and enterprising county
paper, eminently deserving the support of
the people of Caldwill county. question, "Can any good come out of Nazar-eth?" They are evidently of the opinion that there is but one world and its name is Chicago. The latest nonsense of this kind is from the

for the week of November 17. We are sorry it happens just then, because of the regular Chicago Fat Stock Show and other very im portant meetings being carried on at Chica during that time, but there is no need of man ing a fuss over bad management when it is too late to remedy it. We hope the St. Louis neeting will not be a failure as a cattlemen's onvention, though the hullabaloo-hurrah-oys-hurrah programme laid out would seem o indicate that the having of a high old time by the attendants is one of the chief objects of the call.

of the call."

Preserve your soul in patience, brother.

Secause you have received the programme of outertainment, and not that of business, don't be rash enough to suppose that none has been cut out for attention. It is well enough, peraps, for Chicago to convey that idea, but

A Common Cattle Trail. -At the late meeting of the gentlemen co posing the State Board of Health held in St.

Louis, the first paper read was that of Dr. W. B. Conery, of the State Board of Health of Mis-souri, on "Texas Cattle Fever." He said the existence of Texas, or spenic fever, could no longer remain in doubt. The loss of stock on the northern ranges was an enduring evi-dence of the reality of the plague. After a care-ful investigation of the disease scientists con-tended that it was epizootic in nature, con. tagious as to the members of the same herd, and that Texas cattle were invariably afflicted with it upon their native ranges, and that they carried it to foreign pastures. They carried the disease germs in their hair, in the stomach and alimentary canal, and communi-cated it to the Northern cattle, even though weeks elapsed since the cattle passed over the trail. Texas and the other Southern plains must always remain the nursery or breeding grounds for beef cattle, while Colorado, Montana, Wyoming, Nebraska and othe Northern States would furnish the grazing and maturing ranges. Owing to the influx of immigration into the State of Texas, farms and ranges were being fenced to such an extent that the herding, maturing and driving of cattle through the State was rendered almost an impossibility. Hence transporting by railway was being substituted for the old plan of driving the cattle to the northern ranges. The new plan also fully accounted ranges. The new plan also fully for the recent dissemination of Texas fever Sourt fish commission, will be of interest to farmers and others:

St. LOUIS. Oct 25, 1884.

DEAR SIR—We are draining our carp ponds, and find multitudes of young carp. Distribution will begin early in November and continuous trails with an average width of ten miles, and find multitudes of young carp. Distribution will begin early in November and continuous trails the yearings could be driven in herds, and with strict care and the Inn, Jr., Forest Park, St. Louls; or to Elias Cottrell, state hatchery, St. Joseph. Give distinctly full name, county nearest express office and post-office. One can will contain about thirty young fish, enough to stock a clean pond of two acres.

The Cattle Part.

and ardent supporters, but there were nucrous barriers to be encountered in its successful consummation. There was the right of the adjoining States to legislate their own affairs, and without their full co-operation the establishment of the proposed national highway was impracticable, and the difficulties could not be overcome until the cattle men realized the importance of a rigid application of sanitary laws and a thorough dissemination of sanitary knowledge. tion of sanitary knowledge.

Is it Contagious Pleuro-Pneumonia?

-The proposition of the Chicago Live Stock Exchange to place, wholly at their own ex-pense, a herd of sound cattle with animals depense, a nerd of sound castle with animals of clared to be infected with contagious pleuro-pneumonia, to test its contagiousness, has been accepted by Governor Hamilton of Illinois, who has directed Dr. Paaren, State Veterinarian, to make arrangements for the ex periment. There is no doubt that the refusa Live Stock Records—Where Published.

AMERICAN SHORTHORN HERD BOOKS.—Ike positive denial of the contagiousness of the disease by the Exchange, have caused many disease by the Exchange, have caused many to doubt the correctness of the diagnoses made by the official authorities. This doubt has been strengthened by the leisurely spread of the malady, and the fact that in the West Association. Fees for regimental Missouri.

Gudgell, Secretary, Independence, Missouri.

AMERICAN BERKSHIRE RECORD.—Published In European countries where it has been known and dreaded for years, it is extremely by the American Berkshire Association, Phil. Fees contagious, spreading rapidly from herd to it seems to be confined exclusively to Jerseys. M. Springer, Secretary, Springfield, III. Fees for registering, \$1.00.

M. Springer, Secretary, Springfield, III. Fees for registering, \$1.00.

American Berkshire Association, Phil. Seconds on the second of the s Gilmore, Secretary, Vinton, Iowa. Fees for registering, \$1.00.

AMERICAN GALLOWAY HERD BOOK.—Walter C. Weedon, Secretary, Exchange Building, \$tock Yards, Kansas City, Mo. Fees for registering, \$1.00.

AMERICAN SOUTHPOUND. Stock Yards, Kadsas City, Mo. Fees for registering, \$1.00.

American Southdown Record.—Published by the American Southdown Association, S. E. Prather, Secretary, Springfield, Ill. Fees for registering, \$1.00.

American Aberdeen Southdown Herd Book.—American Gudgell, Secretary, Independence, Mo. Fees for registering, \$1.

Holstein Herd Books.—Thos. B. Wales, Secretary, Iowa City, Iowa. Feesfor registering, \$2.00.

Anthrax in Calves.

orne-I had a calf, about five months old, taken lame on the hind leg. In a few hours it began to swell over the hip, in a few hours more it was dead. On removing the skin the part affected appeared to consist of clotted blood. A few of my neighbors have had cases of the same kind. Is it a new disease? What are the causes, and is there any ren

Your calf is evidently suffering from a form of anthrax fever, which is known by different entry, 75 cents for each two enteries, and 60 names, some farmers calling it black quarter cents each for five enteries, where all are re- joint felon, etc. The disease is largely attributable to the plethoric condition and fulness of the blood, and which quee devel-oped is hard to arrest, as it proves fatal in a few hours. If the disense is taken early, all the young cattle should be subje brisk purge, say half a pound of salts in two bottles of water, sweetened with molasses, to which should be added a teaspoonful of gin-ger. Keep the affected animals in a well ventilated stable, and feed on good who diet .- Toronto Mail.

Cattle Notes.

-Here is (says the New York Tribune,) the E. Farmer's judicial view of The Cattle Scare—a statement of the case which it is en couraging to observe, is being taken by many

agricultural papers:
"We must say again we believe that a good
part of the present cattle disease scare is

panic, and another part is the work of inter ested parties, and that a great many of the cases reported in the newspapers are merely, cases of common and non-infectious maladies that would hardly be noticed by the owner of the cattle when there was no excit the matter.' -Col. V. E. Piollet, of Wysox, Pa., whose

ong experience in cattle-feeding qualifies im to judge of the value of grain, has decided to use his wheat for feeding cattle, be-cause he believes he will derive more profit from it than by sale in a market that rates sound wheat less than a dollar. The idea is worth consideration by other farmers who are offered eighty cents for their cent and a third per pound, while buckwheat, corn, oats and rye range about a cent a pound. In many localities it is reasonably certain that any of these grains will give more profit in feeding cattle than if sold in a may ket unprecedently low.

-The Francklyn, of the Panhandle Texas company, has been meeting with serious losses the week past, from splenic fever. The disease was evidently left on the grass by a small herd of through cattle from Arkansas which passed some time back through the pasture en route to New Mexico, an been mostly confined so far to the fine cattle, pedigreed Shorthorns and imported Polled, ese cattle having been under herd in the vicinity of the trail. To date, twenty of the Shorthorns and three of the Polled cattle have died, and none stricken with the disease have recovered, although every effort has been made to save those attacked. A touch of rost is ardently hoped for in those quarters to stay the destruction, and is perhaps the only agency that can have that effect, although the disease seems less virulent now than when it first appeared.—Panhandle.

-We have no more use for the thorough bred bulls on the range, said a prominent stock dealer to the Globe man the other day What we want is graded stock. We have tried the thoroughbred bull and find there is no money in him. He can't rustle even when there is good grass. Its not his kind. He knows nothing about it, and begins to look drooping where range cattle are fat and sleek Its different with graded bulls, even if they are not range stock. They soon learn to rustle and keep in good order. Calves must be dropped on the range to make hardy range stock. The get of thoroughbred bulls are all right and there are now enough of the the ranches to bring up the spindle class majority of bulls sold for the range in the

future will be graded. We regret exceedingly to find the above in the editoral columns of the Globe Live Stock Journal, for the simple reason that we have no faith in the result of the experiment. The grade as a beef animal may be an improvement on the dam but as a sire vastly the inferior of the thoroughbred

Chaff.

Milk sells at Waco, Texas, at four cents a A female base ball club flourishes at Blunt.

Dakota. A Milwaukee rag-picker is supposed to be

worth \$40,000. There are 100,000 women in Paris who get their living on the streets

Keep in the fashion. The Diamond Dves They are warranted. 10c. at druggists. Wells, Richardson & Co., Burlington, Vt.

Indiana employs 5,400 men and \$2,000,000 in

ployed in operating the railroads of this In one week 14 girls of New York and vicini.

ty, gathered up their wardrobes and young men and eloped. No white man ever set foot in the fine country north of India, known as Kafiristan, until

Intermittent Fever is so common in the country as scarcely to need comment. The causes which produces it are such as cold, irregular living, over exertion, low spirits, night all, exposure to miasmatic exhalations, &c. In large cities where edge tools and agricultural implements are manufactured, the grinder protects his lungs from the injurious effect of the dust flying off the grinstone by wearing a respirator. The coal miner ere he descends the shaft provides himself with a descends the shart provides himself with a safety lamp to guard against fire-damp. Now it is equally necessary for those who are brought in contact with any of the causes leading to intermittent fever, to provide themselves with that well known and highly

Two tigers, escaped from a circus in Virginia, are now eluding pursuers in the my clous realms of the Dismal Swamp.

steemed remedy against it, the Home St

Judge Hayes of Iowa, has decided that liquor selling in that State is indictable, as that buying it is equally a violation of t

Mr. C. C. Baker of Bernard, one of the best known farmers of Nodoway Co., Mo., has just placed his baby boy under the treatment of Drs. Dickson & Stark of the Kansas City Surgical Institute for congenital club feet.

The United States, with 55,000,000 popula tion, has 120,000 miles of railroad. Ind 250,000,000 population, has but 10,000 miles of At a colored camp-meeting near Marion

Ga., Ervin Godbold began to pray on Satur-day night and prayed until 4 o'clock Sunday morning, when he died. He prayed himself to death.

Thomas Seymour, aged 44, committed suicide in a state of religious mania. He imagined the world was on fire, so he cut his throat to escape from it.—London National (F)

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Exile, J Clay Cu Monito Spragu

man, Prais Prince du-Chien. Tne Stall What w Field and puts hims records, h can find o

thousand up, he po says, see trotter. E largest dir thorough himself to Нарру Ме an. The famous to Flora Ten the trottin ter, son o nowned p Maxy C through to speed.

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anhandle Texas annandle Texas g with serious enic fever. The the grass by a from Arkansas ck through the exico, and has the fine cattle, provided Polled ported Polled, der herd in the e, twenty of the blled cattle have he disease have the disease have fort has been d. A touch of those quarters is perhaps the that effect, also virulent now Panhandle.

the thorough the thorough-d a prominent the other day.
We have tried and there is no stle even when this kind. He begins to look refat and sleek. s, even if they soon learn to soon learn to r. Calves must ke hardy range red bulls are all igh of them on bindle class to a aid he, that the grange in the

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Che Horseman, Stallions Advertised. Exile, J. V. Stryker, Jerseyville, Ills.

Clay Cuyler, J. V. Stryker, Jerseyville, Ills. Monitor, C. D. Colman, St. Louis, Mo. Sprague Pilot, H. L. Dousman, Prairie-

Wolfort's Hambletonian, H. L. Dous-man, Prairie-du-Chien, Wis. Prince Julian, H. L. Dousman, Prairie du-Chien.

The Stallion Maxy Cobb Record 2,13 1-4. What will our friend Busbey, of the Turf,

What will our friend Busbey, of the Turf, Field and Farm, do now? Whenever a trotter puts himself to the front, smashing former records, he gets a magnifying glass, and if he can find one drop of thoroughbred blood in a thousand of trotting bred blood in his make up, he points with pride to that drop, and says, see what thorough blood does for the

Grease Heels in Horses.

This is the time of year when exceedingly good care should be taken to prevent the heel of the horse from cracking. Such a condiition is known as scratches—properly, incip-lent grease. At this season, when frosts usu-ally first appear, let any man or woman no-tice the difference in the feeling of the hands. ally first appear, let any man or woman not consider that it does allow-tice the difference in the feeling of the hands. Take a high-priced horse than it does a low-see how rough they are, and dry in compar-son with other times of the year. This is the relative value is more than the cost of pro-See how rough they are, and dry in comparresult of the difference in the temperature, which closes the pores of the skin, stops the sensible perspiration, and thus renders the which closes the pores of the skin, stops the sensible perspiration, and thus renders the outer skin liable to become dry and crack. If we can succeed in breeding docility into All this can be completely prevented by just our steeds, a good, kind, fearless disposition ordinary care. Keep the heels of the horse and the hands from exposure while wet and slightly feverish. Dry both without much rabbing, especially with a rough cloth. Anrabbing, especially with a rough cloth. Animal grease is objectionable for several reasons—it quite often acts like a poison to some horses' heels and to some hands also. Horses or persons with the taint even of scrofula are the sufferers from salt rheum and grease. These should be extra careful, as while it is comparatively easy to keep off an attack, it is quite often a serious matter to cure during damp cold weather. When on stock it has really taken place the best remedy as a prophylatic, i. e., preventive, is equal parts of raw linseed oil and cosmoline. To one pound of each add two ounces of either white lead

tarnished and disordered in the unsalted ones, was smooth and glistening in the others. This became more marked as time advanced; and in October following the unsalted bullocks presented a rough and tangled hide, with patches here and there where the skin was uncovered. Whilst the

—In the 2.22 pacing race at Chicago, on the 6th uit., Mike Wilkes reduced his record to 2.16%. This gives George Wilkes six representatives with records below 220, or one more than has ever been reached by any other sire. He now has thirty-four representatives, with records of 2.30 or better, and a host of others that have shown their capacity to perform the trick. No wonder his sons, now serving in the stud, are crowded with business. Alcantara (2.23) has already been bred to 110 mares, and Geo. Wilkes, Jr. has done nearly as large a business. It will not be safe for those who prophesy about the coming trotter, or family of trotters, to overlook the Wilkes. look the Wilkes.

-" The more I see of this wide world, the the great families of horses, without any knowledge of the performances of horses, and without any turf journal to give them the in-formation they require. A man might just as well try to be a preacher without a bible. I can find one drop of thoroughbred blood in a thousand of trotting bred blood in his make thousand of trotting bred blood in his make the phase of the phase with pride to that drop, and says, see what thorough blood does for the trotter. But with magnifying glasses of the trotter, owner and can be an and require a lot of cutting and dressing, and the sub yield to treatment, even of the best, and require a lot of cutting and ressing, and the sub yield to treatment, even of the best, and require a lot of cutting and ressing, and the sub yield to treatment, even of the best, and require a lot of cutting and ressing, and the sub over yield to treatment, even of the best, and require a lot of cutting and ressing, and the sub yield to treatment, even of the best, and require a lot of cutting and ressing, and the sub we yield to treatment, even of the best, and require a lot of cutting and ressing, and the sub you of them. But with magnifying glasses of the two year-old bay filly panel to four the best and the sub you of the two year-old bay filly Jeannette, which score COL. COLMAN: Can you tell me how the or \$75 for his yearlings, the produce of the have ever been raised in the North are both

pleasant disposition, with good spirits and nce of all irritability, will quadruple the value of the breed, and furnish the community with a safe and agreeable family ser

"Beautiful form, superlative action and a duction. The more good qualities concen

Rub well together with this, immediately after the hands or heels are dried, anoint thoroughly and gently, rub into all the creases. Sub-nitrate of bismuth will be better than lead or zinc for persons, but it is too expensive for the ordinary horse, as it takes so much to effectively cover and rub in.—National Stockman. -Miss Charlotte Thornton of Woodford, Ky, has an old black florse which goes straight to the blacksmith shop and deliberately walks in, unattended, every time he

ately walks in, unattended, every time he loses a shoe. A negro boy usually rides him to drive cows to and from the pasture. One day this darkey didn't come to time, and the intelligent horse drove the cows to the past. ure. At another time he went to the pasture alone and drove the cows home.

—Isn't it just a bit cruel to make a horse work seven hours in the hot sun, dry wind and dust, without water? The stomach of the horse is small. Why not water, say five times a day? No hurt comes of it, and the horse will be refreshed and work better. This matter of watering horses should receive considerable attention just at this season—when the horses are being worked in the horse owers of threshing machines or are when the noises are dealy worked in the horse powers of threshing machines or are pulling the plow through the dry, hard ground.

—The purchasers of horses for the French army always endeavor to obtain a first look. First premium at the Maine State Felicians of the state of the

The purchasers of horses for the French army always endeavor to obtain a first look at the animal when he is tranquil and in the stable; noting if the animal supports itself equally well on all its legs. The eye ought to be more dilated when in the stable than when exposed to full light. If the hollow over the eyes be profound and temples gray, old age is to be concluded. Wounds about the temples suggest attacks of staggers, and when the end of the nose presents circular scars, it may, be concluded the horse has been twitched with a cord to insure his quiet ness while being shod.

—Herbivorous animals in their wild condition have an instinctive desire for salt, as shown in the familiar instance of their traveling over enormous tracts of country to cour animals. Six bullocks were selected, of the same age, vigor, etc., and were all supplied with abundance of nutritious food; but three of them, in addition, received over one and a quarter ounces of salt daily. With this exception alone, all six were fed and treated alike. The experiment commenced in October, and in the following April their difference became manifest even to the unpracticed eye. The hair and skin, which was tarnished and disordered in the unsalted.

turion (2.27%). During the late fair at Medina, N. Y, the four-year-old colt Oliver K., by King Wilkes, trotted a trial mile in 2.22%. The dam of Oliver K. was by Virginius, a thoroughbred descen-

angled hide, with patches here and there where the skin was uncovered. Whilst the three bullocks who received salt were fat, sleek, well coated; their vivacity and general appearance of good health presented a marked contrast with the dull, unexcitable aspect of the others. Salt acts as a tonic by exciting the digestive fluids and assisting in the solution of the food; for food which is tasteless, however nutritious, is taken with reluctance and digested with difficulty.

At Cleveland, Ohio, the 26th uit., the black four-year-old mare Elvira started to beat the best four-year-old harness record, 2.18%, and appearance of good health presented a morphished the feat, trotting the mile in the solution of the oldestive fluids and assisting in the solution of the food; for food which is tasteless, however nutritious, is taken with reluctance and digested with difficulty.

At Cleveland, Ohio, the 26th uit., the black four-year-old mare Elvira started to beat the best four-year-old harness record, 2.18%, and a marked contrast with the dull, unexcitable as the feat, trotting the mile in the solution of the food; for food which is tasteless, however nutritious, is taken with reluctance and digested with difficulty.

The black four-year-old mare Elvira started to beat the best four-year-old harness record, 2.18%, and a marked contrast with the mile in the reluctance of the others. Salt acts as a tonic by exciting the digestive fluids and assisting in the feat, trotting the mile in the reluctance of the others. Salt acts as a tonic by exciting the digestive fluids and assisting in the feat, trotting the mile in the salt with each pure Jerseys, grade Jerseys (milk cows), white Yorkshire and Berkshire pigs. Send for datalogue, Address Prairiesville or Louis-tana, Mo.

BELL & SON, Summerville, Texas countains, which is the coming horse. He is owned by J. C. Mo. the salt of the pure Jerseys, and Jerseys (milk cows), white Yorkshire and Berkshire pigs. Send for datalogue, Address Prairiesville or Louis-tana, Mo.

BELL & SON, Su

of wilkes.

The more I see of this wide world, the tonished I am that so many men are tying to make a little money by raiswithout any knowledge of breeding and slash them open. Or if a poll evil has no found trying to make a little money by raising coits without any knowledge of breeding, without any familiarity with the history of walt, but will cut down at once to the seat of wait, but will cut down at once to the seatjol disease. I would advise you'to send your horse to a good surgeon at once, as I do not think you can treat it successfully. They are not a paying thing for a veterinarian, as they are

COL. COLMAN: Can you tell me how the rotting stallion, Gov. Payne, is bred—the one that won the \$1,000 match race over Minnie H., at the St. Louis Fair Grounds the past summer, obtaining a record of 2:38.

REPLY. The following is given as the breeding of Gov. Payne: Foaled 1877, streed by Mambrino Chiampion, who was foaled in 1881, by Mambrino Chief. First dam of Mambrino come than they have averaged during the past few years. Speaking of this state of are likely to rule higher for some time to come than pion, who was foaled in 1881, by Mambrino Champion, who was foaled in 1881, by Mambrino Chief. First dam of Mambrino Champion was by imp. Champion, 2nd dam by Cherokee, 3rd dam by Blackburn's Whip, 4th dam by Duroc. Gov. Payne's dam was by Red Eggle, he by Red Egg, he by Boston. Mambrino Champion is said to be the sire of Gen'l. Croxton, 2,30%, and of Mollie Long 2,33%; Gov. Payne was bred by Chas. Foster of Kentucky. We have not traced this peat for med, powerful breed, possessing the inestimable qualities of speed and endurance for three year-olds on the opening day was gree, and only give it as it was given when the horse was purchased. strains. At the late Maine State Fair the race for three year-olds on the opening day was won by Lady Independence, a daughter of Winthrop Morrill, one of the strongest in-bred Morgans ever owned in Maine. It is usually policy for those who are raising horses for the market to breed from such strains as please the funcy of the purchaser, yet it will not be best in all cases to discard a brood mare of merit solely because she happens to possess a strain of blood which from prejudice or some other cause happened to be unpopular a few years since

> Facts Relating to the Draft Horses of France Facts Relating to the Draft Horses of France.
>
> While some people in America call all horses imported from France Normans, it is a fact that there is no breed in France called by that name by the French people; the name Norman, therefore, is purely American. The principal breeds of France are known as Percherons and Boulianais. The Percherons are the most highly prized of all French races, and all departments of France go to the Perche for stallions to improve their local breeds. The Percheron Stud Bo k of France is published under the authority of the professional processing the property of the profession of the prof

> from France are alike, and that pedigrees are useless.
>
> It is a well known fact that what a man gives for a horse over from \$500 to \$800—the price of a good grade—is paid for purity of blood; and where the seller is not able to give the recorded pedigree of the animal sold as evidence of additional value, he has no right to ask it. With these facts before him no intelligent man will buy a horse imported from France unless he is recorded with his pedigree in full in the Stud Book in France, and the importer furnishes with his bill of sale the French certificate of registration, as this is his only guarantee of safety, a large number of horses of unknown blood being imported to this country and sold as pure bred.

"Burns and Scalds." If you are so unfortunate to injure yourself in this way, we can suggest a remedy that will soon relieve you of all pain and quickly heal the wound; it costs but twenty-five cents and is sold by all druggists. Ask for Perry Davis' Pain-Killer.

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summer, and one satisfactory to both animal and owner.

—The three-year-old colt, Antevolo, by

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Shorthorn & Holstein Cattle.

Heifers, and Bulls, at National Stock Yards, East St. Louis.

THURSDAY, NOV. 20, 1884. Families represented: Cleopatra's, Lady Elizabeth's, and other good ones; also high grades. The Cleopatra bull, Duke of the Valley, by Bolivar 8181, dam Nanny Kirk 7th, (8 gal. cow with first calf on grass alone). Every cow old enough is an approved breeder, and all to be sold are accustomed to out door life—both in summer and winter and most of them are sired by the son of the eight gallon cow. At the same time and place

50 HEAD OF HOLSTEINS,

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PRAIRIE-DU-CHIEN, WIS., Has the following STALLIONS for public ser vice during the season of 1884, viz:

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Dark brown horse, 15% hands high, fooled 1879, sired by Governor Sprague (five-year old record 2:23%, son of Rhode Island, record 2:23%, son of Rhode Island, record 2:23%, old am Lady Temple, by Pilot Temple, (record 2:23%, son of Pilot Ir., sire of the dams of Mand S., 2:10%, and Jay Eye See, 2:10%, by old Pacing Pilot; and Jay Eye See, 2:10%, by old Pacing Pilot; and Jay Eye See, 2:10%, by old Pacing Pilot; 3d dam Glencona, by imp. Glencoe (thoroughbred). Limited to 10 mares, at \$50 the season.

Wolfort's Hambletonian,

Chestnut horse, 15½ hands high, foaled 1873, sired by Hartford Hambletonian (son of Heral's Hambletonian, own brother to Voltmeter's Hambletonian, own brother to Voltmeter and Sentinel), by Rysdyk's Hambletonian, dam Goshen Maid, record 2:31½, by American Star. Wolfort's Hambletonian is full brother in blood to Dictator, Sire of Jay Eye See, 2:19½, Aberdeen, sire of Hattle Woodward, 2:15½; Masterlode, sire of Edward, 2:19, Jay Go.Id, sire of Adele Gould, 2:19; Walkill Ohlet, sire of Dick Swiveller and Great Eastern both 2:18, and other well-known Hambletonian-Star stallions. This is the first season in the stud. Limited to 50 mares, at \$50 the season. HOLSTEIN CATTLE, 100 ead in the herd. shropshire Sheep, bred and imported by JOS. E. MILLER, Belleville, Ill. SOUTHDOWN SHEEP, Berkshire Pigs and High Grade Shorthorns. J. M. SCOTT, Breeder, Belleville, Ills, JERSEY CATTLE, Southdown Sheep and Plymouth Rock Fowls. JOSEPH P. SMITH, Breeder, Freeburg, Ills. SHORT-HORN CATTLE, Percheron Horses and Berkshire Pigs. WM. J. MILLER, Breeder, Belleville, Ills

season. The state of the season below the season of the season. The season of trojan, by Brignoli, record \$2.3%, by Mambrino Chief, dam by siambrino Chief, 2d dam by Bay Messenger, 2d dam by mpn, Tranby, Limited to 5 mares at \$15 for the season. Mares will be shipped from St. Louis to the Artesian Stock Farm at \$5 per head. Somehighly-bred coits for sale. Send for catalogue. H. L. DOUSMAN, Prairie Du-Chien, Wis

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cance of all our hours as related to the

earned to husband minutes. Kind words and deeds that take but a moment

of time may be like fruitful seeds, the harvesting of which may be superlative-ly rich in this life and in the life to

O the joy of memory that comes from utilizing fragments of time! Worth

Che Kome Circle.

BY WILL CARLTON.

ment was over long. But it will soon be past;
The man who wrote Home's sweetest song Is coming home at last! For years his poor abode was seen In foreign lands alone,
And waves have thundered loud between
The singer and his own.
But he will soon be journeying To friends across the sea; And grander than of any King His welcome here shall be.

He wandered o'er the dreary earth, Forgotten and alone; He who could teach Home's matchless worth e'er had one of his own. Along the hilly road, He bore his great heart, and had none To help him with the load; And wheresoever in his round He went with weary tread, His sweet, pathetic song he found Had floated on ahead!

He heard the melodies it made Come pealing o'er and o'er From royal music bands that played Before the palace door; He heard its gentle tones of love From many a cottage creep, When tender, crooning mothers strove To sing their babes to sleep; And whereso'er true love had birth This thrilling song had flown; But he who taught Home's matchless worth Had no home of his own.

But it will soon be past; The man who wrote Home's sweetest song Shall have a home at last! And he shall rest where laurels wave And fragrant grasses twine; His sweetly kept and honored grave Shall be a sacred shrine And pilgrims with eyes grown dim Will fondly bend above The man who sung the triumph hymn Of Earth's divinest love

'm a bachelor still, I have fared very ill, In the hands of the ladies I've met, But my heart is so kind that I've made my mind Their treatment to try and forget.

or 'tis jolly to be an old fellow like me, With none but myself to delight; With no one to scold, if I catch a bad cold By staying out late in the night.

I was first very fond of a beautiful blonde, Who was seven years older than I. I tried to propose, but she turned up he

And I felt that I wan'ed to die. She said I was wild, I was only a child, My sighs with her laughing she drowned, And at only sixteen I was crushed like a bean

When it goes through a mill to be ground.

And the mother of seven bad boys. My next love affair with a girl with red hair

Was a serious matter to me.
When I asked her to wed me she solemnly

"I have promised another's to be" Each word like a dart pierced my passionat

heart, And my future looked cloudy and dim. She married her choice and I live to rejoice-(Her temper is tested on him).

My friendship one day in a platonic way With a pretty young widow began. She dazzled my eyes and I thought her prize-

Till she married a medical man. But it's jolly to be an old fellow like me,
With none but myself to delight;
With no one to scold if I catch a bad cold By staying out late in the night.

-Eugene J. Hall, in Chicago Inter-Ocean

The Adornment of Our Homes.

The wake of spring and the return of autumn, clad in the brilliant dress of purple and golden foliage, imparting to nature that characteristic charm of endless variety of hues and colors,—a frolic, as it were, before the dreary death of sixty, expired the editor regional of the colors.

everything that may be set out. Judiclous association of trees and shrubs is equally necessary also in the arrangement of the lawn devoted to ornamental purposes. A planless mixing up of things will never produce a pleasant sylvan scene, nor a befitting foreground to the residence; but will ever be a confused mass of shrubbery, no matter how many fine and interesting specimens may be found therein. The disposition of the material of decoration of the lawn is a direct test of the planter's conception of design, of the beautiful in nature. If he plants simply as his fancy may direct regardless of the pattern of natural, scenery, he cannot expect to produce in time a sylvan picture resembling a beautiful natural scene, and therefore pleasing to every beholder. This is the point, where horticultural efforts must be assisted by artistic considerations, its discussion in this connection would lead us cussion in this customate the least discriminating as well as the most cultured pronounced the oract the least discriminating as well as the most cultured where horticultural efforts must be assisted by artistic considerations, its discussion in this connection would lead us into matters appertaining to the art of landscape gardening, which we do not design to touch on this present occasion. It will suffice to say that lofty growing trees, shrubs and evergreens, should not be planted as the merest notion or accident may will it, but should be separated to some extent at least, and associated in such a manuer as to form groups, whose

evergreens where they can develop freely, to form a pleasing contrast to the leafy trees. In this wise you will produce a striking and pleasant variety, whilst a promiscuous mixing up of shrubbery can only result in a confused mass of foliage, continually losing instead of gaining, in beauty and attraction, as vegetation develops the true proportion of the different trees and shrubs.

Short talk With the Boys.

It is impossible to offer to the planter any suggestions on ornamental planting of more vital importance, than to remind him of the necessity of a rational balance of light and shade, and of artistic association of all the various materials of embellishment at his disposal. Let him but give a serious thought to these consider-ations, and his natural taste, coupled with horticultural energy, will soon diswhen it goes through a min to be ground.

The next girl I met was a charming brunette
Who loved me, she said, "more than life."
But my wages were low, and I had to say
"No!"
When she asked me to make her my wife.
So she married a shoe-dealer, rich as a Jew;
All the comforts of life she enjoys.
She is one of the "lights" who declaim
"women's rights,"
"women's rights,"
"and the wother of seven had hove.
"with horticultural energy, will soon discover a pleasant pathway in a truly artistic direction, in the pursuit of which, his grounds will forthwith gain in attractive natural beauty, and his mind will be study of true rural art. Try the experiment this very fall, study the matter during winter, and with the return of spring you will be prepared to go to work more knowingly and more pleasant. work more knowingly and more pleas-antly than ever before, whilst the uncer tainty and ignorance of what to do in the line of ornamentation has always prevented the proper efforts in this di-Shade trees and shrubbery can be

transplanted now to the very best advantransplanted now to the very oest advantage, but evergreens are handled safest in the spring. Remember the usual pressure of work of all kind returning with each spring, and perform the pleasant duty of embellishing the home grounds in the season of leisure and comparative rest-that time is now—do comparative rest-that time is now-do ont permit it to pass without doing something in the elevation of the standard of beauty of the home grounds, which are constantly in the sight of the family circle, and on the attraction of which much of the enjoyment of true happiness in rural life depends.

rural life depends.

Pleasing surroundings of the home are far more important in the education of the family circle than most people are willing to see and to admit. The question is by no means one of mere gardening, but one of education, of nourishment and expansion of the mind. and expansion of the mind.

intace that Charge Impacting of interest and colors,—a frolicy wider, reminds the editor perfolicitly of the day, of offering to his patrons of the early of the presentation of the state of the colors of the colo

when planted by themselves, in orchard form, encouraged by suitable cultivation, than when scattered promisecuously all over the grounds, mixed between the shade trees and ornamental shrubbery. The plainest rules of rational fitness of things demand this separation, though it is strangely ignored in very many cases.

The front yard should be the lawn, from which arise the stately trees, of shade and ornament, and clumps of flowering shrubs, bordered by bright flowers. The ground in the rear of the house is devoted to the orchard and the garden. How great is the difference in places improved on this plan of rational separation, and such as planted in a plantes shaphazard manner of intermixture of everything that may be set out. Judicious association of trees and shrubs is equally necessary also in the arrangement of the lawn devoted to ornamental purposes. A plantessmixing up of things again, can be correctly acquired only by the destruction. It is and it dries hard and smooth. The man dit dries hard and smooth. The mar, dit died shad amount of water in their and it dries hard and smooth. The mar, and it dries hard and smooth. The mar, and it dries hard and smooth. The mar, dit dries hard and smooth. The mar, and it dries hard and smooth. The mar, be sale by the sale on the back of the washstand is loose. Scrape it with a knife to clear away any old plaster, and coat the edge with new. Hold the slab furnly down and and strengthen your work by filling the crevice between the two sheak side. Five minutes with new and the example and the example forests which prevent the and committed, their de

to some extent at least, and associated in such a manuer as to form groups, whose development will not be impeded or prevented by surrounding trees.

Foresight to the future is indispensably necessary to success in ornamental planting, but most strangely ignored in many cases. Attempt to form a group of shade trees, where shade may be most desirable, select a spot where flowering shrubs and flowers may be in harmony to their surroundings, and plant the evergreens where they can develop freely, to form a pleasing contrast to the leafy trees. In this wise you will pro-

"It being a rainy morning, with a prospect of a drizzling, tedious day, let's get the tools out and hunt around the house for odd jobs. Here's a pane of glass broken in the kitchen window, and the putty is so old and hard that it will be a clavilet of district. If we had thought slow job to dig it out. If we had though of it last night and applied kerosene oil the putty would come away easily enough, but as we didn't, let's try another plan. Heat that iron poker red hot and pass it over the putty a few times. Now take the inch-chisel and you spring it away in pieces two inches ou spring it away in pieces two inches ong. When the new pane has been ng. When ted drive in-

"Three or four tacks." botch; you want sine ly accumulate wealth, material and spiritual. Many valuable books have been

"Ah! you botch; you want sine points."
"But I haven't any."
"Ah, well. Take down those tinner's shears and find an oyster can. The tin isn't heavy enough, but we'll drive in eight points instead of four and make 'em do. Hold the pane tight as you drive 'em in, for if left any play it will throw the putty off. Where's the putty?"
"Here it is, but it's as hard as a rock."
"Well. soften it." tuat. Many valuable books have been prepared in moments of comparative leisure. In the gold-room of the Philadelphia mint there is a perforated floor, through which passes the dust or fillings of gold, the aggregate value of which is \$30,000 a year. This is but a hint of the gathered wealth of many men who have learned to husband minutes. Kind

Well. soften it. "How-with water?"

"How—with water?"

"Just like you! Pour a few drops of linseed oil on the ball and break it up and work it in your hands until there are no lumps left. When ready to use, begin at one corner of the pane, and if the putty won't smooth down easily wet the blade of your putty knife now and then. You may never be a glazier, but a boy 16 years of age who can't make a passable job of replacing a broken pane after one or two trials has a poor head on his shoulders "

cellar door is loose. The little screw which held one of the knobs to the iron which neid one of the knobs to the from shank passing through the door worked loose and is lost. Carry the knob and shank to the lock-smith and he will make a new screw, but we are to do our own work. Cut that lead fish-line sinker in two

damizing and turfing the ground.

In districts where malaria prevails in a pernicious form it is difficult to carry out large works of improvement, such as the forced cultivation of the soil, because of the sickness of the laborers. Prof. Crudell has therefore, been developed the last has, therefore, been devoting the last few years to a search for means to inrew years to a search for means to increase the power of resistance of the human organism to the attacks of malaria. Acknowledging the great value of quinine and arsenic, as preventive and curative, he has still sought to discover a pharmer hamber of the control of the state of heaper, harmless and yet effective emedy, and this he has found in the orremedy, and this he has found in the or-dinary lemon. He does not claim the discovery as original with himself, or indeed with any physician, but candidly acknowledges the remedy to be of popu-lar origin, and with true scientific spirit seeks knowledge, not only in the exact researches of the laboratory, but also in the every day experience of common people. He advises that a decocation of lemon be made as follows: Cut up one lemon, peel and all, into thin slices, put it into three glassfuls of water and boil it down to one classful. Strain the liquid pipe in this city. Between the hours of 1 and 2 o'clock the birds were seen in I and 2 o'clock the birds were seen in swarms about the light, and more than a hundred fell to the ground. A few were caught alive, but the larger part were dead. Prof. Holzinger of the Normal School, reports the following species among those collected during the past two nights, through the kind offices of fundaments. Bothom, and Higgins at the Engineers, Bothom, and Higgins at the down to one glassful. Strain the liquid through linen, squeezing thoroughly the remains of boiled lemon, and set it aside Engineers Botham and Higgins at the waterworks: Cat-birds, grossbeaks in variety, scarlet tanagers, golden crowned thrushes, water thrushes, chestnut-sided warblers, blackburnian warblers, Tengesse warblers, beackburnian warblers, Carlosses and the state of the sta remains of boiled lemon, and set it aside to cool. Drink the whole amount when fasting. As the decoction possesses cathartic properties the dose should not be repeated too frequently, not more than once a day, or every other day, according to individual susceptibility. nessee warblers, magnolia warblers, Car-olina rails, yellow-throated vieros, black

and white creepers, Trael's fly-catchers, green-crested fly-catchers, savanna sparrows, white-throated sparrows, Maryland yellow throats, black-billed cuckoos, hell-divers, indigo birds, and yellow-bellied woodpeckers. On Tuesday night ern part of the State was badly bitten by a mad dog, and the parents were anxious to find the whereabouts of a madstone. Telegrams were sent out all over the State making inquiries for the same. One was found at Lincoln, Ill., and we believe another allLinn county, lowa. But now comes one Hinselwood, a native of Glisgow, Scotland, who is some seventy years of age, and says that fifty years ago he was bitten by a mad dog and was cured by using a tea prepared as follows: One pound of eleampano grated and divided into three equal parts and put each part in a pint of milk and boiled down one-half. Drink one of these doses and fast ten hours, then eat lightly and to find the whereabouts of a madstone bellied woodpeckers. On Tuesday night the grossbeaks predominated, and on Wednesday night the rails. Cat-birds were numerous on both nights. The birds which breed in this locality were noticeably absent.—New Orleans Times —Be an economist of time. Time is money and more than that. It is stuff that eternity is made of. Be therefore, misers of minutes. We talk of "off hours" and "spare moments," but we have none to spare. True, we need recreation, relief from daily pressure of care. Sleep cannot be safely abridged. The tension of modern life, the rush and strally of bysinger pages. and fast ten hours, then eat lightly and repeat the dose until the three doses have been taken. Mr. H. says that he has known cases to be cured after they were attacked with spasms, and relates many cases that were cured of rabid dog bites.

—Council Bluffs Nonpareil. ty. We owe it to ourselves and to others to keep the body in its best physical con-dition. We are gathering up the frag-ments in so doing. Proper relaxation is a part of true economy; but the point to be remembered is the value and signifi-

Sundries.

Southern authorities report that insanity is aim of life. This understood, we shall be frugal of our scanty and lessening ncreasing among the negroes An Alabama farmer obtained eight gallon

molasses from 100 watermelons Mexico owes English creditors \$60,000,000 and Americans \$20,000,000.

It is said that only one small herd of Buf alo remain in Texas. SYRACUSE, N. Y., June 12, 1883.— I suffered

vith kidney disease and intense pain in back. One bottle relieved and six bottles of Hunt's (Kidney and Liver) Remedy completely cured me."—H. S. Procter, Furniture Dealer, 60 Salina St. It cost fifty million dollars to pick last

Thirteen States have labor bureaus. Mas

chusetts set the example in 1869.

In some parts of Kansas grain remains un

utilizing fragments of time! Worth more than the sweeping of the gold-room, they enrich alike the life of him who saves and that of him he serves. An extra visit to the closet, the improvement of some fugitive impression or some passing acquaintance, may start streams of beneficent influence that will not only momentarily refresh and restore a Lots of people get bilious, have heavy headaches, mouth foul, yellow eyes, etc., all the direct result of impure blood which can be thoroughly cleansed, renewed and en or beneficent influence that will not only momentarily refresh and restore a wearied soul, but leave permanent effect on character. What we need is a strong purpose followed out by systematic and persistent effort day by day.—Rev. Dr. John A, Lansing, in Home Science. riched with Kidney-Wort. It acts at the

second, with 9000 miles; New York third, with 7230 miles. There are over 11,000,000 people in the

United States, men, women, and children who are dependent upon labor at mines and manufactories. While repairing the parish church of

Stourmouth, in Kent, England, a hive of bees was found in the open space over the chancel. The bees were destroyed by suffocation, and about two hundred pounds of honey was obtained. A prominent citizen of Whitfield county,

Ga., has had his grave dug and cemented with an iron railing. Although in the evening of life the gentleman is still hale and hearty, and likely to prolong his existence for years to come.

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Heart disease induced by Constipation,
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Relaxation of the nervous system,
Torturing skeeplessness from Indigestion,
Inflammation of the costive bowels,
Clogging and deterioration of the kidneys,

Pain in shoulders and back, Indigestion and Constipation, Liver Complaint and Biliousness, Low vitality and Nervousness, Skin Eruptions caused by Constipation,

Costiveness and Pain in the bowels, Uric acid poison in the blood, Rashes and Boils caused by Constipatio Enfeebled sight and Nervous Tremors, M ental and physical depression,

Agueish symptoms from Indigestion, Nausea, Dizziness, and Foui Breath, Youth and age troubles of women, Inaction of the secretory organs, Looseness of the bowels, Loss of appetite and furred tongue, Swellings symptomatic of Dropsy.

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which have fallen under my notice." Dr.
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And as h the front a well for all this specia dence with formation Missouri the butter metropolit not only h

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Che Dairp.

Officers Mississippi Valley Dairy and Creamery Association.

trial Exposition, to be opened at New beginning to agitate the establishment Orleans, La., in December, 1884.

And as he desires to bring Missouri to the front as a dairy State, it would be well for all those who are interested in this special business to open correspondence with him as he will have some information to impart which will be of more than passing interest. His address is 600 Olive street, St. Louis.

Missouri farmers may well be proud of the butter and cheese merchants of their metropolitan city of St. Louis. They not only have a law on the statue books

posed, and why these vigorous protests and objections to its sale on the market? The Cleveland, Ohio, Herald talks of it in this wise:

"Cleveland and Chicago are the two principal western cities in the manufacture of the concoction. There are several factories in the city, but the larger ones gradually gobble up the smaller. The use of the artificial butter is more extended than is generally believed. It occupies a prominent seat of honor on thousands of private tables and in dining halls of innumerable "hash factories."

factories."

Health Officer Ashmun said that while
the "butter" is sold by many on its
merits yet great numbers of makers and

EDITOR RURAL WORLD: In all parts of the Great West, diversified farming is the rule with the vast majority. All the cereals have their place on the farm, but the prudert man knows the danger of depending entirely upon one or two articles, and so we find some hogs, some cattle and some sheep, on nearly every President—Norman J. Louinan, St. Louis.
Vice President—Joseph E. Miller,
Second Vice President—Joseph E. Miller,
fam, and so the cow forms an important element in every farmer's calcula-

Second Vice President—Joseph E. Miller, Belleville, Ills.
Traasurer—Wm. N. Tivy, 424 North Second St. Louis.
Secretary—Joseph W. Sheppard, 600 Olive street St. Louis.

Jos. W. Sheppard, the Secretary of the Mississippi Valley Dairy and Creamery Association, St. Louis, has been appointed Superintendent of the department of Dairy and Creamery in the Missouri Exhibit at the World's Industrial Exposition, to be opened at New creameries, as well as other South-

of creameries, as well as other Southern States.

With the new and improved methods of making butter, there is no reason why the Southern States should not make sufficient butter for home consumption instead of importing those vile compounds of eleomargerine, butterine, etc., which they usually get palmed off on them for butter.

In older and more thickly-settled districts, the whole milk is delivered at the

tricts, the whole milk is delivered at the States, sparsely populated, as they are, the Gathered Cream Factories are by far the most popular.

Under this system the milk is "set" at

metropolitan city of St. Louis. They not only have a law on the statue books against the manufacture and sale of the vilest of compounds, but unite in a determination to see that the same is enforced. We take the following from our editorial columns of last week not only to repeat and to emphasize the points made, but to place the same on record in this department:

"A meeting of a large number of the prominent butter and cheese dealers of St. Louis was held in this city on Monday last to consider matters of special moment to their business and to that of their city and country customers. At that meeting the following resolution was adopted:

"Resolved, That it is the sense of this meeting that the sale of all adulterated butter and cheese, or imitations thereof, should be opposed by all lawful means, and that we hereby pledge ourselves to refrain from the sale of the same, and to discountenance and use all diligence to prevent the sale by others.

[Signed] M. McKeen & Co., Truesdal & Biggers, H. A. Rehbein & Co., Roeden Bros., Hassenduble Bros. & Co., Hudson Bros., Hoffman Bros. Produce Co., J. A. O'Neil & Co., R. Hartman & Co., Koeden Bros., Hassenduble Bros. & Co., Hudson Bros., Hoffman Bros. Produce Co., J. A. O'Neil & Co., John Purcell & Co., John Purcell & Co., John Purcell & Co., Go of what ingredients is it composed, and why these vigorous protests and objections to its sale on the market? The Cleveland, Ohio, Herald talks of it in this wise:

The Cleveland, Ohio, Herald talks of it in this wise:

The content of the market? The Cleveland, Ohio, Herald talks of it in this wise:

Secretary, Iowa City, Ia., Oct. 18, 1884.

by this is meant the making of a good article and getting it to the consumer, with the knowledge of where it is made. The great mass of the butter sold and used is sold anonymously. The maker does not put his name on it, and the consumer has no means of getting the same again, if he wishes to do so. In other panufactures it is considered a suspi-

Cigarette 3886, H. W. Keyes, J. A. course of this work, the dairymaid should on no account absent herself from the cheese-press, for the cheese being in a soft state its position may require to be frequently changed. After the lapse of Iowa City, Ia., Oct. 18, 1884.

A Famous Bufter Farm,

—Darlington butter is a widely-known gilt-edged article. About twelve hundred pounds of it are produced weekly at this season of the year, and finds a ready market at fancy figures in Philadelphia, New York, Boston, Washington, etc. Darlington is a little way-station on the West Chester railroad, eighteen miles from Philadelphia. Two brothers, Jesse and Jacob Darlington, are the pro-Part the West Chester railroad, eighteen miles from Philadelphia. Two brothers, Jesse and Jacob Darlington, are the proprietors of a 650-acre farm there, and each time encircled with a fresh cloth, namely, at twelve o'clock, one, two, half-past three, and at five. In the evening at nine o'clock, and again next morning at six, the cheese mast be wrapped in fresh cloths, and at nine to ten o'clock it may be placed in the press without a cloth; but in a short time with a mould covering, so that its exterior may be perfectly smooth and even. They are kept in the stables the year. They are kept in the stables the year. They are kept in the stables the year. They are kept in the stables the year without any covering into the salt pickle, and again next morning at six, the cheese mast be wrapped in fresh cloths, and at nine to ten o'clock, it may be placed in the press without a cloth; but in a short time with a mould covering, so that its exterior may be perfectly smooth and even. The cheeses are afterwards laid down without any covering into the salt pickle, and again next morning at six, the cheese mast be wrapped in fresh cloths, and at nine to ten o'clock, in the even half-past three, and at five. In the even ing at nine o'clock, and again next morning at six, the cheese mast be wrapped in fresh cloths, and at nine to ten o'clock it may be placed in the press without a cloth; but in a short time with a mould covering, so that its exterior may be perfectly smooth and even. The cheeses are afterwards laid down without any covering into the salt pickle, without any covering into the salt pickle, enables of the control of the formation of an Association looking to that end. Address as above, and in the country of the formation of an Association looking to that end.

ALL WHO CONTEMPLATE THE ERECTION OF A CREAMERY.

Or the formation of an Association looking to that end. Address as above, and doing so quote this advertisement.

in the stables the year through, except being let out into a suitable enclosure a part of the day in summer for a bite of grass and exercise. The greatest care is exercised in their feed, which is bright clover hay, cut and mixed with equal quantities, by weight, of corn meal and wheat bran—about 8 1-2 pounds each of meal, bran and hay.

"Mr. Darlington, speaking of a carled, and which was returned to the seller, and at mought up to the required strength. If the brine is not of sufficient strength, which was returned to the seller, and at most six days. The brine where they should be very strong, and should be kept of uniform strength, so that the pounds each of meal, bran and hay.

"Mr. Darlington, speaking of a carled, and which was returned to the seller, and at most six days." It because the skillful manufacturer to make a fine cheese out of milk which holds odors that would injure it for butter making. Hence milk which will make average buttern, will make first class cheese, but it will not do so if the acid process of cheese making, by which is meant leavens as the dealer thought they might have used it at a reduced rate; but they could not afford to use it if it had been given where they should be left for at least most six days. The brine should be very strong, and should be very strong, that the skillful manufacturer to make a fine cheese out of milk which holds odors that would injure it for butter making, enables the skillful manufacturer to make a fine cheese out of milk which holds odors that would injure it for butter making, enables the skillful manufacturer to make a fine cheese out of milk which will make average buttern, will make first class cheese, but it will not do so if the acid process of cheese making, by which is meant leavended in the same of the skillful manufacturer to make a fine cheese out of milk which holds odors that would injure it for butter making, enables the skillful manufacturer to make a fine cheese out of milk which will make average buttern, will make first class chees pulp together, so that the poorer sub-stances which it contains become harm-less, and a firm rind for the protection of the cheese is formed.

A Practical Ice House and Dairy Room Com-bined.

The other day, it was my pleasure to six the dairy room of Mr. Preserved

All cheeses slightly swelled in the stage of pickling, but when after the lapse of a few days they have become soft and mellow, they will receive a good shape, and will have neither cracks nor blisters when salted daily for about 14 days in a days like a they also when the sawreture as

number of cheeses which are made daily. A tub with lid, calculated for eight cheeses, will cost about \$9.00, and such sized tub will be required when the daily make is two cheeses. On an average, from 100 lbs. of milk, 3 1-2 lbs. of fine butter and 7 lbs. of cheese will be obtained. The following striking experiments which have been made are at the same time worthy of mention. When the cheeses were taken out of the pickle after the lapse of two or three weeks, they were put for about fourteen days into a room without being salted. The room was kept heated by steam to 22 deg. belief of the control and the property of the control of the property of the property

THE OLD RELIABLE.

SOUTHWESTERN CREAMERY ASOSCIATION, HOLT & HALL, Proprietors OSCEOLA, IOWA.

Now identified with seventy Creameries, and constantly engaged in the erection of others. W€

The other day, it was my pleasure to visit the dairy room of Mr. Preserved Arnold of Lincoln, R. I. It was recently constructed and is entirely above ground. A wall of cobble stones and cement, some four feet in thickness, forms the underplanting of the color of th tracetrouph a cloth, when it passes dark intentrouph a cloth, when it passes dark receive in the tracks no blisters when salted will have neither cracks no blisters to the tank holding it for separation from the cream. They formerly a control of about 10 1 3 quarts of 21-2 pounds a close of a pound of butter on a yearly average, they have for the last year been using the De Laval Cream Separators with much satisfaction, and, as nearly active and in the control of a pound of butter on a yearly average, they have for the last year been using the De Laval Cream Separators with much satisfaction, and, as nearly active per cent in the control of a pound of butter on a yearly averages, they gain about twelve per cent in the cream set aside in the cans to ripen, as the late fashionable phrase is, or in plant to the cream set aside in the cans to ripen, as the late fashionable phrase is, or in plant to the cream set aside in the cans to ripen, as the late fashionable phrase is, or in plant to the cream set aside in the cans to ripen, as the late fashionable phrase is, or in plant to the cream and the cream set aside in the cans to ripen, as the late fashionable phrase is, or in plant to the cream set aside in the cans to ripen, as the late fashionable phrase is, or in plant to the cream and the cream set aside in the cans to ripen, as the late fashionable phrase is, or in plant to the cream and the cream set aside in the cans to ripen, as the late fashionable phrase is, or in plant to the cream and the cream set aside in the cans to ripen, as the late fashionable phrase is, or in plant to the cream and the cream and the cream can to hasten the process. The cream can to hasten the process. The cream can to hasten the process of the cream can the cream set as the cream can pinning for an ice house of wood, shinroom occupies one-half the space under the ice house. The remainder is entered through double doors in the same way and also provided with triple windows, preserving a temperature equally cold. A part of this room is used for household purposes and the rest is fitted up with shelves for the preservation of fruit.—C. O. Flagg, Providence county, R. I.

-Butter should be "worked" just enough to evenly distribute the salt through it. If the churning is stopped while the butter is in the crummy or granular form, and it is then thoroughly weaked in clear, water or him.



Cheese Factory, Creamery and Dairy

We carry in stock Engines and Bollers, Factory and Dalry Churns, Cheese Boxes and Boz daterial, Setting and Hauling Cans, Vats, Egg Cases, Egg Preservative, in fact most everying needed in a Cheese Factory, Creamery or Dalry. Write for Illustrated Catalogue and Price List.

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BEST in the WORLD for DAIRY and CREAM-ERY purposes. Sold in bulk, barrels or sacks. J. F. EWING, Agt. Michigan Dairy Salt Co., 105 N. Third St. SL. LOUIS, Mo.

ALT ONONDAGA F. F. Table and Dairy Sait
Sait. The Purest, Strongest, Best and Cheapi
est Sait made. Warranted as pure as fany,
Triumphant everywhere. At Buffalo in
the State test of '0; at the New York Butter and Cheese Exchange test, '75; at the Mitter and Cheese Exchange test, '75; at via Miterial
waukee Grand Union Dairy Exchange Fair
'83, taking all the leading premiums and
sweepstakes but one, tying its rival on
that, over four foreign competitors. Sole
manufacturers, the American Dairy Sait Co.
L. Add'ss J.W.BARKER, Sec'v, Syracuse, N. Y.

De Laval Cream Separator.

A practical scientific machine for sep-arating the cream from the milk when received at the factory, or as soon a

writes: From June 2nd to October 20th, while skimming shallow pans, and using the Cooley Creamer, it required an averthe Cooley Creamer, it required an average of 22 6-100 pounds of milk for one pound of butter. Using the Separator from October 27th to November 17th, the average was 17 56-100; during the last week the average was 17 pounds. The machine is more than fulfilling the claim made for it—that it is the

GREATEST DAIRY IMPLEMENT eve GREATEST DAIRY IMPLEMENT every invented, and no Creamery, Dairy or Factory, can afford to be without it.

DE LAVAL, Cream Separator Co.
JOSEPH REALL, Pres. & Man.
32 Park Row, New York City.
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Fairlamb System Gathering Davis & Rankin,

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Make more and better butter, churn and clean much easier & are much more durable. Opr 50.. 000 have been sold since Jan. 1, 1880, and not onere-turned. We are sole owners of patents on these churns.. H. H. PALMER & CO., Rockford, Ill. Mention this paper. Send for circular.

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Perry's nomical and reliable; no concentrated acc. Is purely vegetable, and will not color Butter Milk. Used by the beautier makers and endorsed by buyers. Supplied, and will not color Butter butter makers and endorsed by buyers. Supplied and the propagate of t

DATRY SUPPLIES. NICHOLS' CENTENNIAL WIND MILL.

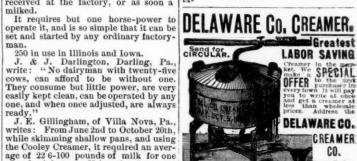
Contains all the valuable features of his old.
Nichols'Mills, with noneof their defects. This
is the only balanced
mill without a vane. It
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no correct scientific principles so as to govern
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ALL VANES

ALL VANES

Are mecnanical devices used to overcome to make the wheel to run out of its natures position.

A wind wheel becomes its own vane it no vane is used, hence vanes, save only to balance the wheel, are useless for good, and are only useful to blow the mill down. This mill will stand a heavier wind, run steadler, last onger, and crow louder than any other mill built. Our confidence in the mill warrants use in offering the first mill in each county where we have no agent, at a gents' prices, and on 30 days' trial. Our power mills have 25 per cent more power than any mill with a vane. We have also a superior feed mill adapted towind or other power. It is cheap, durable, edicient. For circulars, mills and agencies, address MCHOLS & MURPHY, Eighn, ill. (Successors to The Batavia Man't'g' Co., Battavia Man't's Co









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Nervous Prostration, Debility, Mental and Physical Weakness; Mercurial and other Affections of Throat, Skin or Bones, Blood Poisoning, old Sores and Uters, nor treated with suparabled second, on these bloods and the state of the state success, on latest scientific principles. Safety, Privately, Discasse Arising from Indiscretion, Excess, Exposure or Indulgence, which produce some of the following effects: nervousness, dobliny, dimess of sight and defective memory, pimples on the face, physical decay, version to the society of females, contrains of locks, etc., version to the society of females, contrains of locks, etc., permanently cured, Pamphlet (89 pages) on the above, each a sealed curedpep, frect only address. Consultation at of Bee or by mail free, and invited. A friendly talk or his opine less costs mothing, Office thours, Sam to 4 p.ms.

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Pamphlets, English or German, 64 pages, describing above diseases, in male or female, FREE. MARRIAGE GUIDE,

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Victims of youthful imprudence, causing Nervous De-bility, Premature Decay, and all disorders brought on by indiscretion or excess will learn of a simple remedy, free, by addressing J. H. REEVES, 43 Chathamst, N.

St. Louis Amusements.

The veteran Dion Boucicault with his play of "The Shaughraun" is attracting splendid audiences at Pope's. That brilliant and ver-satile soubrette actress, Miss Carrie Swain will appear next week in "Chirps," a new and successful play.

"The Black Fiag," a standard melo-drama, is now being given at the Grand. Next week though there was very little if any impear in his great part of the photographer in pear in his great part of the photographer in the standard melo-drama, is now being given at the Grand Merchand Me of the funniest things on the

given at the People's, it will be succeeded by the new play Adeda.

The Standard presents the "Ryx" this week in their comedy "Early in the Morning." "A Wife's Honor," will succeed it next week and is said to be a thrilling domestic drama.

The Stock Pards.

The receipts and shipments for the week ending Tuesday, Oct. 28th, were as follows:

	REC	EIPTS.		Horses and	prove pers t
Wednesday Thursday Friday Saturday Monday Tuesday	1315 1703 510 337 1555 1252	Hogs. 6688 4324 4778 1838 6321 5007	Sheep. 1782 2735 496 126 618 1465	mules. 87 76 20 44 63 25	ly and were i week, age fo thoug heavy the de sold h
FTotal Last week	6,672 7,874	30,00G 24,781	7,272 6,393	315 493	all the made these
	SHIP	MENTS.		Horses and	The que ket ar sons,
Wednesday	613 333 497 842 677 333	Hogs. 286 56 1624 1995 5989 764	Sheep. 202 418 638 1937 1052 539	mules. 182 28 124 128 7 104	appea supply month broke from I the m dition

It is claimed that Texas hogs which feed or pecan-nuts most, make the finest hams in the world.

Torrents of rain have fallen in Texawhere live stock valued at \$1,000,000 were threatened with death by thirst, the ground having been dry for fifteen weeks.

The cattle in quarantine from the oldest provinces while in transit to the northwest, have been released by the Canadian Depart-ment of Agriculture after one month's de-Maj. Rainwater, chairman of the executive

committee of the Cattle Convention has been presented with a cane made entirely of horn. It is stated that the Hon. Louis E. Torres, Governor of the State of Senora, New Mexico, and one of the most able and progressive leadings were likewise dull and unchanged unchanged limited were likewise dull and unchanged limited and inquiry scant. committee of the Cattle Convention has been presented with a cane made entirely of horn. and one of the most able and progressive leaders of Northern Mexico, will be present at the Cattle Convention in this city next

Growers' Convention, which is to take place at the Lindell Hotel, will be the largest ever given in this city, over five hundred guests having signified their intention of participat-

An exchange says: "Goat raising has made very satisfactory growth in Texas dur-gng the last two seasons, and those who have for years clung to their faith in Angoras, will

The concentrate the Section of the S

"The Planter's Wife," a stirring emotional dra na is the attraction at the Olympic. Robson and Crane, the popular American team will hold the boards at the same house next week in a new round of comedy.

"The Planter's Wife," a stirring emotional have fallen off largely, and the demand during the week was found to have improved, being somewhat beyond the supply. As a result the tone was firmer, and salesmen advanced prices, having no difficulty to the contract of the contra taining 20c advance over last week, for the

and mixed lots.

The market was well supplied the two closing days and with better cattle than closing days and with better cattle than usual. A very good demand was also had and salesmen had little difficulty in sustaining prices, and in several instances obtaining higher figures than were obtainable last week. Some Indian steers of a little over 1000 lbs. bringing \$4.0, while common descriptions were correspondingly stronger at the following quotations:

\$6.50 @ 6.75

The norse market ruled dull the past week.	MUSICAL.	1
Offerings were small and the demand limited,	MUSICAL	t .
Prices were weak and irregular on all grades.	Who Empha Diana mhish has such a mid-	
Mules were likewise dull and unchanged,	The Knabe Piano, which has such a wide	
Supply limited and inquiry scant.	popularity, is considered by many experts to	1 4
supply numbed and inquiry scant.	be superior in every way to any other plano	15
HORSES.	n the world. The success of this plane has	1.3
Heavy draught extra \$140@175	only been attained by years of careful study,	18
Hoarr drought good	only been attained by years of careful study,	
neavy uraught, good 115/2/135	and the Knabe, with its excellent singing	1.5
Streeters, extra 115@130	qualities, its great power, the elasticity of	13
Streeters, good 90@115	touch, and superior workmanship, is justly	
Southern horses, extra 100@135	the favorite. Herr Faelten's piano solos at	
Southern horses, good 75@100		
Southern norses, good	the recent Worcester festival, the Schumann's	
Saddle horses, extra 125@175	concerto, in A minor, op. 54, and Liszt's Rhap-	
Saddle horses, good 110@125	sodie No. 4, which were so highly praised,	1
Plugs 25@60	were both performed upon a Knabe piano,	12
	Herr Faelten pronouncing it to be the best	
MULES.	Herr Facited pronouncing it to be the best	1
131/4 hands, 4 to 8 years old 75@ 85	piano he had ever seen From the Boston	١.
14% hands, 4 to 8 years old 105@115	Evening Traveler.	1
15 hands 4 to 8 rears old 105-0115		Ťπ

GENERAL MARKET.

Important Intelligence from the Old Country Where Cholera has Prevailed ASIATIC CHOLERA.

SEEDS.

Prices of Prepared Seeds supplied by Chas E. Prunty, 7 South Main Street. St. Louis, Oct. 28. 1884.

RED WHEATS.

Cash with order

Net cash prices.

Rearded and velvet chaff.

Perry Davis' Pain-Killer FIFTH STREET AND WALNUT,

[From Rev. R. Telford, missionary in Chins now visiting his home in Pennsylvania.] WASHINGTON, PENN.

5@8c # B and for Catawba 7@8c; damaged less.

POTATOES—In steady demand, both accumulative and shipping. Prices well sustained—interior 28@30c, fair 23@34c, choice 35@37½c. Sales: In bulk, delivered—2 cars fuke at 31c, 2 rose at 32c, 1 cherryblow at 34c, 1 victor and peerless at 32c, 1 do at 36c, 3 cars rose and 1 car rose and peachlow also at 36c, 1 car pearl at 37½c, do at 38c; 36 sks at 36c. CALIFORNIA FRUIT—Quiet. We quote: Pears at \$150@4, and quinces at \$2.75 # box; TOKAW grapes at \$5.90@6 # 40-b box.

TURNIPS—Dull at 25@30c # bu in sacks; \$1.25 # bbl in shipping order.

RUTA BAGAS—Lower and dead dull—not wanted. Part ear bulk sold at 25c # bul. del.; on orders, dealers charge \$1.25 # bbl.

SORGHUM—Fair at 24@25c; choice bright 27@26c. ler.

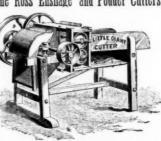
PECANS—In light demand; western 4 to 1/4°; Texas at 5½ to 6%c. Sales: 3 bbls new western at 4 3 4c.

Wool-Quiet and easy. We quote: Tub-washed—choice at 28c, fair 27c, low 24a25c. Unwashed—choice at 28c, fair 27c, low 24a25c. Curwashed—medium at 20a20y6c, fair medium at 18a19c, clear combing 19a20y6c, light bright fine 18a19c, dark and henvy do 18a19c; Taxas—fall clip 11a19c, spring 17a19c; Kansas town and the 18c, henvy do 18a19c, leave do 18a19c, leave do 18a19c, leave do 18a29c, leave do 18 Price 25 cts., 50 cts. and \$1 per bottle J. HARRIS & CO., Limited, Cincinnati, Ohic Proprietors for the Southern and West

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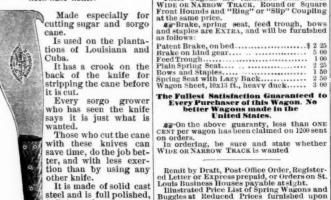
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And making light colored sirup a certainty.
The smallest Filter will clarify a barrel of juice perfectly in twenty minutes.
Every Filter guaranteed to do as claimed.
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47 Brooklyn Ave., Boston, Mass.

K. K. K. Keen Kane Kutter.



is light and strong, and measures twenty inches from end of blade to end of handle.

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seep Bees on my plan with good Profit. I have
need a Hive and New System of Bee Management, which renders the business pleasant and profitable. I have received One Hunfred Dollars Profit, from sale of Box Honey
from one Hive of Bees in one year. Illustrated Cirvalar of Full Particulars Free. Address
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Mailed free to anyone who will get up a club of two yearly subscribers to the Rural World (1.50 per year each) or upon receipt of one dollar in cash.



THE BEST FARMERS And all Warehousemen and Seed Dealers, Everywhere, Use the OLD RELIABLE "CENTENNIAL" FANNING MILL

They will all tell you that it takes the Cockle and Oats out of Wheat, and is the only perfect Cleaner, Grader and Separator of all kinds of Grain and Seeds. The only Two-Shoe Mill and the BEST in the World. If you want some interesting information about Machines that pay for themselves the first year, and bottom prices, send your name an a notal coad to me. S. FREEMAN & SONS, Racine, Wis.



THIMBLE SKEIN WAGONS.

The above prices include double bed, the bottom doubled over the bolsters and ironed on the top of both beds; double trees, single-trees, neck-yoke, stay-chains and Lock Chain, when ordered without brake.

These wagons are furnished with either WIDE OR NARROW TRACK, ROUND or Square Front Hounds and "Ring" or "Slip" Coupling at the same price. at the same price.

##Brake, spring seat, feed trough, bows and staples are EXTRA, and will be furnished as follows:

wanted.

Those who cut the cane with these knives can save time, do the job better, and with less exer-Remit by Dratt, Post-Office Order, Registered Letter or Express prepaid, or Orders on St. Louis Business Houses payable at sight.
Illustrated Price List of Spring Wagons and Buggles at Reduced Prices furnished upon application.

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A. J. CHILD.

Purchasing and Commission Agent,









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Combined Mowers & Droppers Are Guaranteed the Best Goods in the Market. Will do

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Persons suffering from TORPIDITY of the LIVER or Inactivity of the Bowels, will find a permanent CURE by the use of these Pine No medicine should Bowels with a dose of HARTER'S LIVER PILLS. Sample dose Sent Free on application by postal. Sample dose Sent Free on application by postal.

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President Vice Pres sota; D. F.

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liams, New

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It has be meeting of Associatio city of St.

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The bag C. Semone two weeks of the No

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Prof. Se in the office He reports acres of from 7000

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of any other supplies the supplies the grown on 1 fertilizers, i quently a g very much 1 by hand, tharvest, and compete with ducer, as it cheaply as cultivate an forty acres tween beet must yield be the greaworld. The factory the And sugar f will be spreas flouring; ghum will to f export. quality it product—the tures at the ducer, as it

Convention mitting it. National Su held in St. I dant sampl cane will be of sugar ma discussed, a terest in this A large dele ing direct fo sugar factor tend the grain full blast.

tures at the Convention